



December 27, 2022

Ms. Leah Werner
Project Manager
U. S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, IL 60604

**Re: Notification Regarding IDW Drum Removal
Gary Development Landfill
Project No.: 5328-300-01-03**

Dear Ms. Werner:

Weaver Consultants Group North Central, LLC (WCG) is herein providing notification regarding the removal of soil and aqueous investigation derived waste (IDW) 55-gallon drums from the Gary Development Landfill located at 479 North Cline Avenue in Gary, Indiana (Site). Removal of the above-referenced drums is currently scheduled for December 29, 2022.

The IDW drums were generated during the implementation of the 2016-2017 Remedial Investigation (performed by Parsons) and their disposal was not addressed before the contractor transition from Parsons to WCG. Based on WCG's observations during site visits conducted in December 2021 and November 2022, a total of sixty-seven (67) soil drums and seven (7) aqueous drums are currently stored on a concrete pad near the main gate entrance on the southwestern portion of the Site. The drums are constructed with metal and 55-gallons in size. Recent photographs of the IDW drum area are included as **Attachment 1 – Photo Log**.

The following includes a summary of recent soil IDW waste characterization sampling activities and analytical results, and the anticipated scope and schedule of the IDW drum removal activities.

Waste Characterization Sampling and Results

WCG collected grab and composite soil samples from a selection of the sixty-seven (67) soil IDW drums on November 7, 2022 for laboratory analysis. Grab samples were collected from the six (6) soil drums exhibiting the greatest visual/olfactory impacts or highest photo-ionization detector (PID) readings. The grab samples were analyzed for volatile organic compounds (VOCs). Six (6) composite samples were collected amongst groupings of drums; a measure of soil from each drum within a grouping was homogenized in a stainless-steel bowl and transferred into sample containers. The composite samples

were analyzed for the following waste characterization parameters: Toxicity Characteristic Leaching Procedure (TCLP) metals, TCLP VOCs, cyanide, sulfide, flashpoint/ignitability, and pH. The laboratory analytical results were below hazardous limits. The laboratory analytical report is provided as **Attachment 2 – Laboratory Analytical Report**.

A waste profile based on soil analytical data from the Remedial Investigation was previously generated in support of pre-approval of the disposal of the soil IDW drums. An updated waste profile (Profile No. 634573IL) that accounts for the additional November 2022 soil analytical data obtained from the IDW drums is included as **Attachment 3 – Soil Waste Profile**. Based on the waste profile, the soil IDW drums will be disposed as non-hazardous.

The seven (7) aqueous drums will be disposed as non-hazardous waste based on the existing “purge water” profile for the Site. This profile is based on data previously submitted to create the waste profile for disposal of purge water and other fluids generated during the implementation of the Remedial Investigation. A copy of this waste profile (Profile No. 1550783) is included as **Attachment 4 – Aqueous Waste Profile**.

IDW Drum Removal Scope and Schedule

Drum removal will be performed by Safety-Kleen, the U.S. EPA approved waste disposal contractor, on December 29, 2022, with oversight provided by WCG. Due to the age of the drums and to prevent breakage during removal and/or transport, the sixty-seven (67) soil IDW drums will be emptied into a roll-off box and the seven (7) aqueous drums will be placed in overpacks. The roll-off box containing the soil IDW will be transported by truck to Waste Management’s Laraway Landfill (Laraway) located in Joliet, Illinois for disposal. The overpacks containing the aqueous IDW drums will be transported by truck to Clean Harbor’s Spring Grove facility (Spring Grove) located in Cincinnati, Ohio for disposal. Laraway and Spring Grove are both approved to receive CERCLA waste.

Based on recent discussions with Safety-Kleen, it is understood that the IDW soil drums will contain residual soil after being emptied into the roll-off box. As such, Safety-Kleen will compact and transport the drums containing residual soil to an approved facility. The waste profile for the emptied drums (Profile No. 2535380) is also being provided in the above **Attachment 3**. Upon obtaining the applicable disposal facility and scheduling information from Safety-Kleen, WCG will notify U.S. EPA approximately two weeks in advance of these activities.

WCG has received formal authorization to sign the manifests on behalf of the PRP Group. Within two weeks of disposal, documentation of the IDW drum removal activities will be provided to U.S. EPA.

Ms. Leah Werner

December 27, 2022

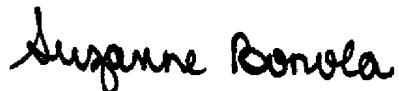
If you should have any questions or comments concerning this notification, please do not hesitate to contact us at 312-922-1030.

Sincerely,

Weaver Consultants Group North Central, LLC



James Keefe, LPG
Project Manager



Suzanne Bonola
Senior Project Scientist

Enclosures: Attachment 1: Photo Log
 Attachment 2: Laboratory Analytical Report
 Attachment 3: Soil Waste Profile
 Attachment 4: Aqueous Waste Profile

Cc: Michael H. Samples (*de maximus, inc.*)

ATTACHMENT 1

Photo Log

Photo Log - Gary Development Landfill, Soil and Aqueous IDW Drums - November 7, 2022



Photo 1: IDW Drum Area



Photo 2: IDW Drum Area

ATTACHMENT 2
Laboratory Analytical Report

ANALYTICAL REPORT

PREPARED FOR

Attn: James Keefe
Weaver Consultants Group
35 E. Wacker Drive
Suite 1250
Chicago, Illinois 60601

Generated 11/30/2022 8:21:27 AM

JOB DESCRIPTION

Gary Development Landfill

JOB NUMBER

500-224997-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Job ID: 500-224997-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative 500-224997-1

Comments

No additional comments.

Receipt

The samples were received on 11/7/2022 1:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.4° C and 5.7° C.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 500-684097 and analytical batch 500-684609 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported. WC-VOC-02 (500-224997-2), WC-VOC-03 (500-224997-3), WC-VOC-04 (500-224997-4), WC-VOC-05 (500-224997-5) and WC-VOC-06 (500-224997-6)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

Method 9034: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-687099, 500-687099 and 500-687099 and analytical batch 500-687357 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-01

Lab Sample ID: 500-224997-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.0060		0.0025		mg/Kg	1	⊗	8260B	Total/NA
1,4-Dichlorobenzene	0.012		0.0025		mg/Kg	1	⊗	8260B	Total/NA

Client Sample ID: WC-VOC-02

Lab Sample ID: 500-224997-2

No Detections.

Client Sample ID: WC-VOC-03

Lab Sample ID: 500-224997-3

No Detections.

Client Sample ID: WC-VOC-04

Lab Sample ID: 500-224997-4

No Detections.

Client Sample ID: WC-VOC-05

Lab Sample ID: 500-224997-5

No Detections.

Client Sample ID: WC-VOC-06

Lab Sample ID: 500-224997-6

No Detections.

Client Sample ID: WC-COMP-01

Lab Sample ID: 500-224997-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0088		0.0050		mg/L	1		6010C	TCLP
pH	7.7	HF	0.2		SU	1		9045D	Total/NA
Flashpoint	>201		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: WC-COMP-02

Lab Sample ID: 500-224997-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	8.4	HF	0.2		SU	1		9045D	Total/NA
Flashpoint	>201		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: WC-COMP-03

Lab Sample ID: 500-224997-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.86		0.50		mg/L	1		6010C	TCLP
Cadmium	0.0063		0.0050		mg/L	1		6010C	TCLP
pH	7.1	HF	0.2		SU	1		9045D	Total/NA
Flashpoint	>201		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: WC-COMP-04

Lab Sample ID: 500-224997-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.2	HF	0.2		SU	1		9045D	Total/NA
Flashpoint	>201		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: WC-COMP-05

Lab Sample ID: 500-224997-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0054		0.0050		mg/L	1		6010C	TCLP
pH	7.9	HF	0.2		SU	1		9045D	Total/NA
Flashpoint	>201		99.0		Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-06

Lab Sample ID: 500-224997-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	8.1	HF	0.2	SU		1		9045D	Total/NA
Flashpoint	>201		99.0	Degrees F		1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
6010C	Metals (ICP)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
9045D	pH	SW846	EET CHI
D92	Flashpoint	ASTM	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CF
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET CHI

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Eurofins Chicago

Sample Summary

Client: Weaver Consultants Group
 Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-224997-1	WC-VOC-01	Solid	11/07/22 10:05	11/07/22 13:45
500-224997-2	WC-VOC-02	Solid	11/07/22 10:12	11/07/22 13:45
500-224997-3	WC-VOC-03	Solid	11/07/22 10:15	11/07/22 13:45
500-224997-4	WC-VOC-04	Solid	11/07/22 10:25	11/07/22 13:45
500-224997-5	WC-VOC-05	Solid	11/07/22 10:42	11/07/22 13:45
500-224997-6	WC-VOC-06	Solid	11/07/22 11:00	11/07/22 13:45
500-224997-7	WC-COMP-01	Solid	11/07/22 10:10	11/07/22 13:45
500-224997-8	WC-COMP-02	Solid	11/07/22 11:10	11/07/22 13:45
500-224997-9	WC-COMP-03	Solid	11/07/22 11:21	11/07/22 13:45
500-224997-10	WC-COMP-04	Solid	11/07/22 11:32	11/07/22 13:45
500-224997-11	WC-COMP-05	Solid	11/07/22 11:40	11/07/22 13:45
500-224997-12	WC-COMP-06	Solid	11/07/22 11:48	11/07/22 13:45

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-01

Date Collected: 11/07/22 10:05

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-1

Matrix: Solid

Percent Solids: 73.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.025		0.025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Benzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Bromodichloromethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Bromoform	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Bromomethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Carbon disulfide	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Carbon tetrachloride	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Chlorobenzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Chloroethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Chloroform	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Chloromethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
cis-1,2-Dichloroethene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
cis-1,3-Dichloropropene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Cyclohexane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Dibromochloromethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2-Dibromo-3-Chloropropane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2-Dibromoethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2-Dichlorobenzene	0.0060		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,3-Dichlorobenzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,4-Dichlorobenzene	0.012		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Dichlorodifluoromethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1-Dichloroethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2-Dichloroethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1-Dichloroethene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2-Dichloropropane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Ethylbenzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
2-Hexanone	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Isopropylbenzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Methyl acetate	<0.031		0.031		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Methylcyclohexane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Methylene Chloride	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Methyl Ethyl Ketone	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
methyl isobutyl ketone	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Methyl tert-butyl ether	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Styrene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Tetrachloroethene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Toluene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
trans-1,2-Dichloroethene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
trans-1,3-Dichloropropene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,2,4-Trichlorobenzene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1,1-Trichloroethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1,2-Trichloroethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Trichloroethene	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Trichlorofluoromethane	<0.0062		0.0062		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Vinyl chloride	<0.0025		0.0025		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1
Xylenes, Total	<0.0050		0.0050		mg/Kg	⌚	11/07/22 15:42	11/21/22 11:04	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-01

Date Collected: 11/07/22 10:05

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-1

Matrix: Solid

Percent Solids: 73.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	11/07/22 15:42	11/21/22 11:04	1
Dibromofluoromethane (Surr)	91		75 - 126	11/07/22 15:42	11/21/22 11:04	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	11/07/22 15:42	11/21/22 11:04	1
Toluene-d8 (Surr)	90		75 - 124	11/07/22 15:42	11/21/22 11:04	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-02

Date Collected: 11/07/22 10:12

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-2

Matrix: Solid

Percent Solids: 91.2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Benzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Bromodichloromethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Bromoform	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Bromomethane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Carbon disulfide	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Carbon tetrachloride	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Chlorobenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Chloroethane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Chloroform	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Chloromethane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
cis-1,2-Dichloroethene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
cis-1,3-Dichloropropene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Cyclohexane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Dibromochloromethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2-Dibromo-3-Chloropropane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2-Dibromoethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2-Dichlorobenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,3-Dichlorobenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,4-Dichlorobenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Dichlorodifluoromethane	<0.0053	*+	0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1-Dichloroethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2-Dichloroethane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1-Dichloroethene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2-Dichloropropane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Ethylbenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
2-Hexanone	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Isopropylbenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Methyl acetate	<0.026		0.026		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Methylcyclohexane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Methylene Chloride	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Methyl Ethyl Ketone	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
methyl isobutyl ketone	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Methyl tert-butyl ether	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Styrene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Tetrachloroethene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Toluene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
trans-1,2-Dichloroethene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
trans-1,3-Dichloropropene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,2,4-Trichlorobenzene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1,1-Trichloroethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1,2-Trichloroethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Trichloroethene	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Trichlorofluoromethane	<0.0053		0.0053		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Vinyl chloride	<0.0021		0.0021		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1
Xylenes, Total	<0.0042		0.0042		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:19	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-02

Date Collected: 11/07/22 10:12

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-2

Matrix: Solid

Percent Solids: 91.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	11/07/22 15:42	11/12/22 15:19	1
Dibromofluoromethane (Surr)	89		75 - 126	11/07/22 15:42	11/12/22 15:19	1
1,2-Dichloroethane-d4 (Surr)	84		70 - 134	11/07/22 15:42	11/12/22 15:19	1
Toluene-d8 (Surr)	85		75 - 124	11/07/22 15:42	11/12/22 15:19	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-03

Date Collected: 11/07/22 10:15

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-3

Matrix: Solid

Percent Solids: 65.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.037		0.037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Benzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Bromodichloromethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Bromoform	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Bromomethane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Carbon disulfide	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Carbon tetrachloride	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Chlorobenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Chloroethane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Chloroform	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Chloromethane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
cis-1,2-Dichloroethene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
cis-1,3-Dichloropropene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Cyclohexane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Dibromochloromethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2-Dibromo-3-Chloropropane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2-Dibromoethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,3-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,4-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Dichlorodifluoromethane	<0.0092	*+	0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1-Dichloroethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2-Dichloroethane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1-Dichloroethene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2-Dichloropropane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Ethylbenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
2-Hexanone	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Isopropylbenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Methyl acetate	<0.046		0.046		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Methylcyclohexane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Methylene Chloride	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Methyl Ethyl Ketone	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
methyl isobutyl ketone	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Methyl tert-butyl ether	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Styrene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1,2,2-Tetrachloroethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Tetrachloroethene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Toluene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
trans-1,2-Dichloroethene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
trans-1,3-Dichloropropene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,2,4-Trichlorobenzene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1,1-Trichloroethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1,2-Trichloroethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Trichloroethene	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Trichlorofluoromethane	<0.0092		0.0092		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Vinyl chloride	<0.0037		0.0037		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1
Xylenes, Total	<0.0074		0.0074		mg/Kg	⌚	11/07/22 15:42	11/12/22 15:44	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-03

Date Collected: 11/07/22 10:15

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-3

Matrix: Solid

Percent Solids: 65.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	11/07/22 15:42	11/12/22 15:44	1
Dibromofluoromethane (Surr)	90		75 - 126	11/07/22 15:42	11/12/22 15:44	1
1,2-Dichloroethane-d4 (Surr)	87		70 - 134	11/07/22 15:42	11/12/22 15:44	1
Toluene-d8 (Surr)	86		75 - 124	11/07/22 15:42	11/12/22 15:44	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-04

Date Collected: 11/07/22 10:25

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-4

Matrix: Solid

Percent Solids: 77.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.048		0.048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Benzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Bromodichloromethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Bromoform	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Bromomethane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Carbon disulfide	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Carbon tetrachloride	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Chlorobenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Chloroethane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Chloroform	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Chloromethane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
cis-1,2-Dichloroethene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
cis-1,3-Dichloropropene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Cyclohexane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Dibromochloromethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2-Dibromo-3-Chloropropane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2-Dibromoethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2-Dichlorobenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,3-Dichlorobenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,4-Dichlorobenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Dichlorodifluoromethane	<0.012 *+		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1-Dichloroethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2-Dichloroethane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1-Dichloroethene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2-Dichloropropane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Ethylbenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
2-Hexanone	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Isopropylbenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Methyl acetate	<0.060		0.060		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Methylcyclohexane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Methylene Chloride	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Methyl Ethyl Ketone	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
methyl isobutyl ketone	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Methyl tert-butyl ether	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Styrene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1,2,2-Tetrachloroethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Tetrachloroethene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Toluene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
trans-1,2-Dichloroethene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
trans-1,3-Dichloropropene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,2,4-Trichlorobenzene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1,1-Trichloroethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1,2-Trichloroethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Trichloroethene	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Trichlorofluoromethane	<0.012		0.012		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Vinyl chloride	<0.0048		0.0048		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1
Xylenes, Total	<0.0097		0.0097		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:09	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-04

Date Collected: 11/07/22 10:25

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-4

Matrix: Solid

Percent Solids: 77.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	11/07/22 15:42	11/12/22 16:09	1
Dibromofluoromethane (Surr)	93		75 - 126	11/07/22 15:42	11/12/22 16:09	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	11/07/22 15:42	11/12/22 16:09	1
Toluene-d8 (Surr)	86		75 - 124	11/07/22 15:42	11/12/22 16:09	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-05

Lab Sample ID: 500-224997-5

Date Collected: 11/07/22 10:42

Matrix: Solid

Date Received: 11/07/22 13:45

Percent Solids: 73.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.031		0.031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Benzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Bromodichloromethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Bromoform	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Bromomethane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Carbon disulfide	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Carbon tetrachloride	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Chlorobenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Chloroethane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Chloroform	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Chloromethane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
cis-1,2-Dichloroethene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
cis-1,3-Dichloropropene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Cyclohexane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Dibromochloromethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2-Dibromo-3-Chloropropane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2-Dibromoethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2-Dichlorobenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,3-Dichlorobenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,4-Dichlorobenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Dichlorodifluoromethane	<0.0078	*+	0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1-Dichloroethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2-Dichloroethane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1-Dichloroethene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2-Dichloropropane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Ethylbenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
2-Hexanone	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Isopropylbenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Methyl acetate	<0.039		0.039		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Methylcyclohexane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Methylene Chloride	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Methyl Ethyl Ketone	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
methyl isobutyl ketone	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Methyl tert-butyl ether	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Styrene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1,2,2-Tetrachloroethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Tetrachloroethene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Toluene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
trans-1,2-Dichloroethene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
trans-1,3-Dichloropropene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,2,4-Trichlorobenzene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1,1-Trichloroethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1,2-Trichloroethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Trichloroethene	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Trichlorofluoromethane	<0.0078		0.0078		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Vinyl chloride	<0.0031		0.0031		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1
Xylenes, Total	<0.0063		0.0063		mg/Kg	⌚	11/07/22 15:42	11/12/22 16:35	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-05

Date Collected: 11/07/22 10:42

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-5

Matrix: Solid

Percent Solids: 73.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131	11/07/22 15:42	11/12/22 16:35	1
Dibromofluoromethane (Surr)	90		75 - 126	11/07/22 15:42	11/12/22 16:35	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	11/07/22 15:42	11/12/22 16:35	1
Toluene-d8 (Surr)	83		75 - 124	11/07/22 15:42	11/12/22 16:35	1

Client Sample Results

Client: Weaver Consultants Group
 Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-06

Date Collected: 11/07/22 11:00

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-6

Matrix: Solid

Percent Solids: 67.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.037		0.037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Benzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Bromodichloromethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Bromoform	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Bromomethane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Carbon disulfide	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Carbon tetrachloride	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Chlorobenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Chloroethane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Chloroform	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Chloromethane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
cis-1,2-Dichloroethene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
cis-1,3-Dichloropropene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Cyclohexane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Dibromochloromethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2-Dibromo-3-Chloropropane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2-Dibromoethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,3-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,4-Dichlorobenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Dichlorodifluoromethane	<0.0092	*+	0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1-Dichloroethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2-Dichloroethane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1-Dichloroethene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2-Dichloropropane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Ethylbenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
2-Hexanone	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Isopropylbenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Methyl acetate	<0.046		0.046		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Methylcyclohexane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Methylene Chloride	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Methyl Ethyl Ketone	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
methyl isobutyl ketone	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Methyl tert-butyl ether	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Styrene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1,2,2-Tetrachloroethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Tetrachloroethene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Toluene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
trans-1,2-Dichloroethene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
trans-1,3-Dichloropropene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,2,4-Trichlorobenzene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1,1-Trichloroethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1,2-Trichloroethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Trichloroethene	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Trichlorofluoromethane	<0.0092		0.0092		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Vinyl chloride	<0.0037		0.0037		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1
Xylenes, Total	<0.0074		0.0074		mg/Kg	⊗	11/07/22 15:42	11/12/22 17:00	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-06

Date Collected: 11/07/22 11:00

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-6

Matrix: Solid

Percent Solids: 67.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	11/07/22 15:42	11/12/22 17:00	1
Dibromofluoromethane (Surr)	92		75 - 126	11/07/22 15:42	11/12/22 17:00	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	11/07/22 15:42	11/12/22 17:00	1
Toluene-d8 (Surr)	85		75 - 124	11/07/22 15:42	11/12/22 17:00	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-01

Lab Sample ID: 500-224997-7

Date Collected: 11/07/22 10:10

Matrix: Solid

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 12:22	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 12:22	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 12:22	20
Chloroform	<0.040		0.040		mg/L			11/17/22 12:22	20
1,1-Dichloroethane	<0.020		0.020		mg/L			11/17/22 12:22	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 12:22	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 12:22	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 12:22	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 12:22	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 12:22	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		89		75 - 126				11/17/22 12:22	20
Toluene-d8 (Surr)		91		75 - 120				11/17/22 12:22	20
4-Bromofluorobenzene (Surr)		80		72 - 124				11/17/22 12:22	20
Dibromofluoromethane		95		75 - 120				11/17/22 12:22	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L			11/10/22 18:05	11/14/22 16:14
Barium	<0.50		0.50		mg/L			11/10/22 18:05	11/14/22 16:14
Cadmium	0.0088		0.0050		mg/L			11/10/22 18:05	11/14/22 16:14
Chromium	<0.025		0.025		mg/L			11/10/22 18:05	11/14/22 16:14
Lead	<0.050		0.050		mg/L			11/10/22 18:05	11/15/22 15:31
Selenium	<0.050		0.050		mg/L			11/10/22 18:05	11/14/22 16:14
Silver	<0.025		0.025		mg/L			11/10/22 18:05	11/14/22 16:14

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		11/14/22 11:25	11/15/22 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7	HF	0.2		SU			11/09/22 18:59	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 14:14	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-01

Lab Sample ID: 500-224997-7

Date Collected: 11/07/22 10:10

Matrix: Solid

Date Received: 11/07/22 13:45

Percent Solids: 78.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.2		1.2		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:42	1
Sulfide (SW846 9034)	<12		12		mg/Kg	⌚	11/28/22 13:27	11/29/22 15:28	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-02

Lab Sample ID: 500-224997-8

Date Collected: 11/07/22 11:10

Matrix: Solid

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 12:46	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 12:46	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 12:46	20
Chloroform	<0.040		0.040		mg/L			11/17/22 12:46	20
1,1-Dichloroethane	<0.020		0.020		mg/L			11/17/22 12:46	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 12:46	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 12:46	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 12:46	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 12:46	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 12:46	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		87		75 - 126				11/17/22 12:46	20
Toluene-d8 (Surr)		90		75 - 120				11/17/22 12:46	20
4-Bromofluorobenzene (Surr)		84		72 - 124				11/17/22 12:46	20
Dibromofluoromethane		94		75 - 120				11/17/22 12:46	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:28	1
Barium	<0.50		0.50		mg/L		11/10/22 18:05	11/14/22 16:28	1
Cadmium	<0.0050		0.0050		mg/L		11/10/22 18:05	11/14/22 16:28	1
Chromium	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:28	1
Lead	<0.050		0.050		mg/L		11/10/22 18:05	11/15/22 15:44	1
Selenium	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:28	1
Silver	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:28	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		11/14/22 11:25	11/15/22 10:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF	0.2		SU			11/09/22 19:02	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 14:28	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-02

Date Collected: 11/07/22 11:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-8

Matrix: Solid

Percent Solids: 90.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.1		1.1		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:42	1
Sulfide (SW846 9034)	<10		10		mg/Kg	⌚	11/28/22 13:29	11/29/22 15:32	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-03

Lab Sample ID: 500-224997-9

Matrix: Solid

Date Collected: 11/07/22 11:21

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 13:11	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 13:11	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 13:11	20
Chloroform	<0.040		0.040		mg/L			11/17/22 13:11	20
1,1-Dichloroethane	<0.020		0.020		mg/L			11/17/22 13:11	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 13:11	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 13:11	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 13:11	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 13:11	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 13:11	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		89		75 - 126				11/17/22 13:11	20
Toluene-d8 (Surr)		90		75 - 120				11/17/22 13:11	20
4-Bromofluorobenzene (Surr)		83		72 - 124				11/17/22 13:11	20
Dibromofluoromethane		93		75 - 120				11/17/22 13:11	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L			11/10/22 18:05	11/14/22 16:41
Barium	0.86		0.50		mg/L			11/10/22 18:05	11/14/22 16:41
Cadmium	0.0063		0.0050		mg/L			11/10/22 18:05	11/14/22 16:41
Chromium	<0.025		0.025		mg/L			11/10/22 18:05	11/14/22 16:41
Lead	<0.050		0.050		mg/L			11/10/22 18:05	11/14/22 16:41
Selenium	<0.050		0.050		mg/L			11/10/22 18:05	11/14/22 16:41
Silver	<0.025		0.025		mg/L			11/10/22 18:05	11/14/22 16:41

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L			11/14/22 11:25	11/15/22 10:59

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.1	HF	0.2		SU			11/09/22 19:04	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 14:43	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-03
Date Collected: 11/07/22 11:21
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-9
Matrix: Solid
Percent Solids: 88.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.1		1.1		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:49	1
Sulfide (SW846 9034)	<11		11		mg/Kg	⌚	11/28/22 13:31	11/29/22 15:36	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-04

Lab Sample ID: 500-224997-10

Date Collected: 11/07/22 11:32

Matrix: Solid

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 13:35	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 13:35	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 13:35	20
Chloroform	<0.040		0.040		mg/L			11/17/22 13:35	20
1,1-Dichloroethane	<0.020		0.020		mg/L			11/17/22 13:35	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 13:35	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 13:35	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 13:35	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 13:35	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 13:35	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		90		75 - 126				11/17/22 13:35	20
Toluene-d8 (Surr)		90		75 - 120				11/17/22 13:35	20
4-Bromofluorobenzene (Surr)		81		72 - 124				11/17/22 13:35	20
Dibromofluoromethane		96		75 - 120				11/17/22 13:35	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:44	1
Barium	<0.50		0.50		mg/L		11/10/22 18:05	11/14/22 16:44	1
Cadmium	<0.0050		0.0050		mg/L		11/10/22 18:05	11/14/22 16:44	1
Chromium	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:44	1
Lead	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:44	1
Selenium	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:44	1
Silver	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:44	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		11/14/22 11:25	11/15/22 11:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.2	HF	0.2		SU			11/09/22 19:06	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 14:57	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-04

Date Collected: 11/07/22 11:32

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-10

Matrix: Solid

Percent Solids: 76.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.3		1.3		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:50	1
Sulfide (SW846 9034)	<12		12		mg/Kg	⌚	11/28/22 13:33	11/29/22 15:40	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-05

Lab Sample ID: 500-224997-11

Date Collected: 11/07/22 11:40

Matrix: Solid

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 14:00	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 14:00	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 14:00	20
Chloroform	<0.040		0.040		mg/L			11/17/22 14:00	20
1,1,2-Dichloroethane	<0.020		0.020		mg/L			11/17/22 14:00	20
1,1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 14:00	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 14:00	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 14:00	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 14:00	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 14:00	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		84		75 - 126				11/17/22 14:00	20
Toluene-d8 (Surr)		89		75 - 120				11/17/22 14:00	20
4-Bromofluorobenzene (Surr)		80		72 - 124				11/17/22 14:00	20
Dibromofluoromethane		94		75 - 120				11/17/22 14:00	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L			11/10/22 18:05	1
Barium	<0.50		0.50		mg/L			11/10/22 18:05	1
Cadmium	0.0054		0.0050		mg/L			11/10/22 18:05	1
Chromium	<0.025		0.025		mg/L			11/10/22 18:05	1
Lead	<0.050		0.050		mg/L			11/10/22 18:05	1
Selenium	<0.050		0.050		mg/L			11/10/22 18:05	1
Silver	<0.025		0.025		mg/L			11/10/22 18:05	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L			11/14/22 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9	HF	0.2		SU			11/09/22 19:09	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 15:12	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-05

Date Collected: 11/07/22 11:40

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-11

Matrix: Solid

Percent Solids: 72.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.4		1.4		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:51	1
Sulfide (SW846 9034)	<14	F1	14		mg/Kg	⌚	11/28/22 13:35	11/29/22 15:44	1

Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-06

Lab Sample ID: 500-224997-12

Date Collected: 11/07/22 11:48

Matrix: Solid

Date Received: 11/07/22 13:45

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 14:24	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 14:24	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 14:24	20
Chloroform	<0.040		0.040		mg/L			11/17/22 14:24	20
1,1-Dichloroethane	<0.020		0.020		mg/L			11/17/22 14:24	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 14:24	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 14:24	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 14:24	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 14:24	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 14:24	20
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		85		75 - 126				11/17/22 14:24	20
Toluene-d8 (Surr)		93		75 - 120				11/17/22 14:24	20
4-Bromofluorobenzene (Surr)		85		72 - 124				11/17/22 14:24	20
Dibromofluoromethane		92		75 - 120				11/17/22 14:24	20

Method: SW846 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:58	1
Barium	<0.50		0.50		mg/L		11/10/22 18:05	11/14/22 16:58	1
Cadmium	<0.0050		0.0050		mg/L		11/10/22 18:05	11/14/22 16:58	1
Chromium	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:58	1
Lead	<0.050		0.050		mg/L		11/10/22 18:05	11/15/22 15:47	1
Selenium	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:58	1
Silver	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:58	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		11/14/22 11:25	11/15/22 11:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1	HF	0.2		SU			11/09/22 19:11	1
Flashpoint (ASTM D92)	>201		99.0		Degrees F			11/18/22 15:26	1

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Client Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-06

Lab Sample ID: 500-224997-12

Date Collected: 11/07/22 11:48

Matrix: Solid

Date Received: 11/07/22 13:45

Percent Solids: 68.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.5		1.5		mg/Kg	⌚	11/11/22 08:03	11/11/22 18:52	1
Sulfide (SW846 9034)	<14		14		mg/Kg	⌚	11/28/22 13:41	11/29/22 15:56	1

Definitions/Glossary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

GC/MS VOA

Prep Batch: 684097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-1	WC-VOC-01	Total/NA	Solid	5035	
500-224997-2	WC-VOC-02	Total/NA	Solid	5035	
500-224997-3	WC-VOC-03	Total/NA	Solid	5035	
500-224997-4	WC-VOC-04	Total/NA	Solid	5035	
500-224997-5	WC-VOC-05	Total/NA	Solid	5035	
500-224997-6	WC-VOC-06	Total/NA	Solid	5035	

Leach Batch: 684302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	1311	
500-224997-8	WC-COMP-02	TCLP	Solid	1311	
500-224997-9	WC-COMP-03	TCLP	Solid	1311	
500-224997-10	WC-COMP-04	TCLP	Solid	1311	
500-224997-11	WC-COMP-05	TCLP	Solid	1311	
500-224997-12	WC-COMP-06	TCLP	Solid	1311	
LB 500-684302/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 684609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-2	WC-VOC-02	Total/NA	Solid	8260B	684097
500-224997-3	WC-VOC-03	Total/NA	Solid	8260B	684097
500-224997-4	WC-VOC-04	Total/NA	Solid	8260B	684097
500-224997-5	WC-VOC-05	Total/NA	Solid	8260B	684097
500-224997-6	WC-VOC-06	Total/NA	Solid	8260B	684097
MB 500-684609/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-684609/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 500-684609/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 685460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	8260B	684302
500-224997-8	WC-COMP-02	TCLP	Solid	8260B	684302
500-224997-9	WC-COMP-03	TCLP	Solid	8260B	684302
500-224997-10	WC-COMP-04	TCLP	Solid	8260B	684302
500-224997-11	WC-COMP-05	TCLP	Solid	8260B	684302
500-224997-12	WC-COMP-06	TCLP	Solid	8260B	684302
LB 500-684302/1-A	Method Blank	TCLP	Solid	8260B	684302
MB 500-685460/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-685460/8	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 686194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-1	WC-VOC-01	Total/NA	Solid	8260B	684097
MB 500-686194/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-686194/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 500-686194/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

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QC Association Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Metals

Leach Batch: 684025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	1311	
500-224997-8	WC-COMP-02	TCLP	Solid	1311	
500-224997-9	WC-COMP-03	TCLP	Solid	1311	
500-224997-10	WC-COMP-04	TCLP	Solid	1311	
500-224997-11	WC-COMP-05	TCLP	Solid	1311	
LB 500-684025/1-B	Method Blank	TCLP	Solid	1311	
LB 500-684025/1-C	Method Blank	TCLP	Solid	1311	
500-224997-7 MS	WC-COMP-01	TCLP	Solid	1311	
500-224997-7 DU	WC-COMP-01	TCLP	Solid	1311	

Leach Batch: 684027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-12	WC-COMP-06	TCLP	Solid	1311	
LB2 500-684027/1-B	Method Blank	TCLP	Solid	1311	
LB2 500-684027/2-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 684365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	3010A	684025
500-224997-8	WC-COMP-02	TCLP	Solid	3010A	684025
500-224997-9	WC-COMP-03	TCLP	Solid	3010A	684025
500-224997-10	WC-COMP-04	TCLP	Solid	3010A	684025
500-224997-11	WC-COMP-05	TCLP	Solid	3010A	684025
500-224997-12	WC-COMP-06	TCLP	Solid	3010A	684027
LB 500-684025/1-B	Method Blank	TCLP	Solid	3010A	684025
LB2 500-684027/1-B	Method Blank	TCLP	Solid	3010A	684027
LCS 500-684365/19-A	Lab Control Sample	Total/NA	Solid	3010A	
LCS 500-684365/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-224997-7 MS	WC-COMP-01	TCLP	Solid	3010A	684025
500-224997-7 DU	WC-COMP-01	TCLP	Solid	3010A	684025

Prep Batch: 684847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	7470A	684025
500-224997-8	WC-COMP-02	TCLP	Solid	7470A	684025
500-224997-9	WC-COMP-03	TCLP	Solid	7470A	684025
500-224997-10	WC-COMP-04	TCLP	Solid	7470A	684025
500-224997-11	WC-COMP-05	TCLP	Solid	7470A	684025
500-224997-12	WC-COMP-06	TCLP	Solid	7470A	684027
LB 500-684025/1-C	Method Blank	TCLP	Solid	7470A	684025
LB2 500-684027/2-B	Method Blank	TCLP	Solid	7470A	684027
MB 500-684847/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-684847/14-A	Lab Control Sample	Total/NA	Solid	7470A	
LCS 500-684847/39-A	Lab Control Sample	Total/NA	Solid	7470A	
500-224997-7 MS	WC-COMP-01	TCLP	Solid	7470A	684025
500-224997-7 DU	WC-COMP-01	TCLP	Solid	7470A	684025

Analysis Batch: 685014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	6010C	684365
500-224997-8	WC-COMP-02	TCLP	Solid	6010C	684365

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QC Association Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Metals (Continued)

Analysis Batch: 685014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-9	WC-COMP-03	TCLP	Solid	6010C	684365
500-224997-10	WC-COMP-04	TCLP	Solid	6010C	684365
500-224997-11	WC-COMP-05	TCLP	Solid	6010C	684365
500-224997-12	WC-COMP-06	TCLP	Solid	6010C	684365
LB 500-684025/1-B	Method Blank	TCLP	Solid	6010C	684365
LB2 500-684027/1-B	Method Blank	TCLP	Solid	6010C	684365
LCS 500-684365/19-A	Lab Control Sample	Total/NA	Solid	6010C	684365
LCS 500-684365/2-A	Lab Control Sample	Total/NA	Solid	6010C	684365
500-224997-7 MS	WC-COMP-01	TCLP	Solid	6010C	684365
500-224997-7 DU	WC-COMP-01	TCLP	Solid	6010C	684365

Analysis Batch: 685065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	7470A	684847
500-224997-8	WC-COMP-02	TCLP	Solid	7470A	684847
500-224997-9	WC-COMP-03	TCLP	Solid	7470A	684847
500-224997-10	WC-COMP-04	TCLP	Solid	7470A	684847
500-224997-11	WC-COMP-05	TCLP	Solid	7470A	684847
500-224997-12	WC-COMP-06	TCLP	Solid	7470A	684847
LB 500-684025/1-C	Method Blank	TCLP	Solid	7470A	684847
LB2 500-684027/2-B	Method Blank	TCLP	Solid	7470A	684847
MB 500-684847/12-A	Method Blank	Total/NA	Solid	7470A	684847
LCS 500-684847/14-A	Lab Control Sample	Total/NA	Solid	7470A	684847
LCS 500-684847/39-A	Lab Control Sample	Total/NA	Solid	7470A	684847
500-224997-7 MS	WC-COMP-01	TCLP	Solid	7470A	684847
500-224997-7 DU	WC-COMP-01	TCLP	Solid	7470A	684847

Analysis Batch: 685221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	TCLP	Solid	6010C	684365
500-224997-8	WC-COMP-02	TCLP	Solid	6010C	684365
500-224997-12	WC-COMP-06	TCLP	Solid	6010C	684365
500-224997-7 MS	WC-COMP-01	TCLP	Solid	6010C	684365
500-224997-7 DU	WC-COMP-01	TCLP	Solid	6010C	684365

General Chemistry

Prep Batch: 371775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	9012B	
500-224997-8	WC-COMP-02	Total/NA	Solid	9012B	
500-224997-9	WC-COMP-03	Total/NA	Solid	9012B	
500-224997-10	WC-COMP-04	Total/NA	Solid	9012B	
500-224997-11	WC-COMP-05	Total/NA	Solid	9012B	
500-224997-12	WC-COMP-06	Total/NA	Solid	9012B	
MB 310-371775/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 310-371775/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 371888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	9012B	371775

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QC Association Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

General Chemistry (Continued)

Analysis Batch: 371888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-8	WC-COMP-02	Total/NA	Solid	9012B	371775
500-224997-9	WC-COMP-03	Total/NA	Solid	9012B	371775
500-224997-10	WC-COMP-04	Total/NA	Solid	9012B	371775
500-224997-11	WC-COMP-05	Total/NA	Solid	9012B	371775
500-224997-12	WC-COMP-06	Total/NA	Solid	9012B	371775
MB 310-371775/1-A	Method Blank	Total/NA	Solid	9012B	371775
LCS 310-371775/2-A	Lab Control Sample	Total/NA	Solid	9012B	371775

Analysis Batch: 684115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	9045D	9
500-224997-8	WC-COMP-02	Total/NA	Solid	9045D	10
500-224997-9	WC-COMP-03	Total/NA	Solid	9045D	11
500-224997-10	WC-COMP-04	Total/NA	Solid	9045D	12
500-224997-11	WC-COMP-05	Total/NA	Solid	9045D	13
500-224997-12	WC-COMP-06	Total/NA	Solid	9045D	14
LCS 500-684115/2	Lab Control Sample	Total/NA	Solid	9045D	15
LCSD 500-684115/3	Lab Control Sample Dup	Total/NA	Solid	9045D	

Analysis Batch: 684591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-4	WC-VOC-04	Total/NA	Solid	Moisture	14
500-224997-5	WC-VOC-05	Total/NA	Solid	Moisture	15
500-224997-6	WC-VOC-06	Total/NA	Solid	Moisture	
500-224997-7	WC-COMP-01	Total/NA	Solid	Moisture	
500-224997-8	WC-COMP-02	Total/NA	Solid	Moisture	
500-224997-9	WC-COMP-03	Total/NA	Solid	Moisture	
500-224997-10	WC-COMP-04	Total/NA	Solid	Moisture	
500-224997-11	WC-COMP-05	Total/NA	Solid	Moisture	
500-224997-12	WC-COMP-06	Total/NA	Solid	Moisture	
500-224997-8 DU	WC-COMP-02	Total/NA	Solid	Moisture	

Analysis Batch: 685608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-1	WC-VOC-01	Total/NA	Solid	Moisture	
500-224997-2	WC-VOC-02	Total/NA	Solid	Moisture	
500-224997-3	WC-VOC-03	Total/NA	Solid	Moisture	

Analysis Batch: 685934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	D92	
500-224997-8	WC-COMP-02	Total/NA	Solid	D92	
500-224997-9	WC-COMP-03	Total/NA	Solid	D92	
500-224997-10	WC-COMP-04	Total/NA	Solid	D92	
500-224997-11	WC-COMP-05	Total/NA	Solid	D92	
500-224997-12	WC-COMP-06	Total/NA	Solid	D92	

Prep Batch: 687099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	9030B	
500-224997-8	WC-COMP-02	Total/NA	Solid	9030B	

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QC Association Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

General Chemistry (Continued)

Prep Batch: 687099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-9	WC-COMP-03	Total/NA	Solid	9030B	
500-224997-10	WC-COMP-04	Total/NA	Solid	9030B	
500-224997-11	WC-COMP-05	Total/NA	Solid	9030B	
500-224997-12	WC-COMP-06	Total/NA	Solid	9030B	
MB 500-687099/1-A	Method Blank	Total/NA	Solid	9030B	
LCS 500-687099/2-A	Lab Control Sample	Total/NA	Solid	9030B	
500-224997-11 MS	WC-COMP-05	Total/NA	Solid	9030B	
500-224997-11 MSD	WC-COMP-05	Total/NA	Solid	9030B	

Analysis Batch: 687357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-224997-7	WC-COMP-01	Total/NA	Solid	9034	687099
500-224997-8	WC-COMP-02	Total/NA	Solid	9034	687099
500-224997-9	WC-COMP-03	Total/NA	Solid	9034	687099
500-224997-10	WC-COMP-04	Total/NA	Solid	9034	687099
500-224997-11	WC-COMP-05	Total/NA	Solid	9034	687099
500-224997-12	WC-COMP-06	Total/NA	Solid	9034	687099
MB 500-687099/1-A	Method Blank	Total/NA	Solid	9034	687099
LCS 500-687099/2-A	Lab Control Sample	Total/NA	Solid	9034	687099
500-224997-11 MS	WC-COMP-05	Total/NA	Solid	9034	687099
500-224997-11 MSD	WC-COMP-05	Total/NA	Solid	9034	687099

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Surrogate Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (75-131)	DBFM (75-126)	DCA (70-134)	TOL (75-124)
500-224997-1	WC-VOC-01	110	91	102	90
500-224997-2	WC-VOC-02	99	89	84	85
500-224997-3	WC-VOC-03	97	90	87	86
500-224997-4	WC-VOC-04	98	93	86	86
500-224997-5	WC-VOC-05	95	90	86	83
500-224997-6	WC-VOC-06	93	92	86	85
LCS 500-684609/4	Lab Control Sample	89	84	80	88
LCS 500-686194/4	Lab Control Sample	92	84	83	93
LCSD 500-684609/5	Lab Control Sample Dup	88	88	84	84
LCSD 500-686194/5	Lab Control Sample Dup	92	86	85	89
MB 500-684609/7	Method Blank	92	86	79	86
MB 500-686194/7	Method Blank	95	89	92	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
LCS 500-685460/8	Lab Control Sample	77	97	83	91
MB 500-685460/7	Method Blank	81	96	85	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	TOL (75-120)	BFB (72-124)	DBFM (75-120)
500-224997-7	WC-COMP-01	89	91	80	95
500-224997-8	WC-COMP-02	87	90	84	94
500-224997-9	WC-COMP-03	89	90	83	93
500-224997-10	WC-COMP-04	90	90	81	96
500-224997-11	WC-COMP-05	84	89	80	94
500-224997-12	WC-COMP-06	85	93	85	92
LB 500-684302/1-A	Method Blank	86	90	80	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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Surrogate Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill
DBFM = Dibromofluoromethane

Job ID: 500-224997-1

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-684609/7

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020		mg/Kg			11/12/22 10:16	1
Benzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Bromodichloromethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Bromoform	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Bromomethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Carbon disulfide	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Carbon tetrachloride	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Chlorobenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Chloroethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Chloroform	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Chloromethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
cis-1,2-Dichloroethene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
cis-1,3-Dichloropropene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Cyclohexane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Dibromochloromethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
1,2-Dibromoethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,2-Dichlorobenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,3-Dichlorobenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,4-Dichlorobenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Dichlorodifluoromethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
1,1-Dichloroethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,2-Dichloroethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
1,1-Dichloroethene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,2-Dichloropropane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Ethylbenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
2-Hexanone	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Isopropylbenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Methyl acetate	<0.025		0.025		mg/Kg			11/12/22 10:16	1
Methylcyclohexane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Methylene Chloride	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Methyl Ethyl Ketone	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
methyl isobutyl ketone	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
Methyl tert-butyl ether	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Styrene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Tetrachloroethene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Toluene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
trans-1,2-Dichloroethene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
trans-1,3-Dichloropropene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,2,4-Trichlorobenzene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,1,1-Trichloroethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
1,1,2-Trichloroethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Trichloroethene	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Trichlorofluoromethane	<0.0050		0.0050		mg/Kg			11/12/22 10:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Vinyl chloride	<0.0020		0.0020		mg/Kg			11/12/22 10:16	1
Xylenes, Total	<0.0040		0.0040		mg/Kg			11/12/22 10:16	1

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-684609/7

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		92			75 - 131		11/12/22 10:16	1
Dibromofluoromethane (Surr)		86			75 - 126		11/12/22 10:16	1
1,2-Dichloroethane-d4 (Surr)		79			70 - 134		11/12/22 10:16	1
Toluene-d8 (Surr)		86			75 - 124		11/12/22 10:16	1

Lab Sample ID: LCS 500-684609/4

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
	Added	Result	Qualifier					
Acetone	0.0500	0.0522		mg/Kg	104	40 - 150		
Benzene	0.0500	0.0552		mg/Kg	110	70 - 125		
Bromodichloromethane	0.0500	0.0562		mg/Kg	112	67 - 129		
Bromoform	0.0500	0.0548		mg/Kg	110	68 - 136		
Bromomethane	0.0500	0.0602		mg/Kg	120	70 - 130		
Carbon disulfide	0.0500	0.0561		mg/Kg	112	70 - 129		
Carbon tetrachloride	0.0500	0.0611		mg/Kg	122	75 - 125		
Chlorobenzene	0.0500	0.0573		mg/Kg	115	50 - 150		
Chloroethane	0.0500	0.0562		mg/Kg	112	75 - 125		
Chloroform	0.0500	0.0587		mg/Kg	117	57 - 135		
Chloromethane	0.0500	0.0525		mg/Kg	105	70 - 125		
cis-1,2-Dichloroethene	0.0500	0.0577		mg/Kg	115	70 - 125		
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg	105	70 - 125		
Cyclohexane	0.0500	0.0546		mg/Kg	109	70 - 125		
Dibromochloromethane	0.0500	0.0578		mg/Kg	116	69 - 125		
1,2-Dibromo-3-Chloropropane	0.0500	0.0481		mg/Kg	96	60 - 136		
1,2-Dibromoethane	0.0500	0.0568		mg/Kg	114	70 - 125		
1,2-Dichlorobenzene	0.0500	0.0552		mg/Kg	110	70 - 125		
1,3-Dichlorobenzene	0.0500	0.0563		mg/Kg	113	70 - 125		
1,4-Dichlorobenzene	0.0500	0.0558		mg/Kg	112	70 - 125		
Dichlorodifluoromethane	0.0500	0.0637	*+	mg/Kg	127	75 - 125		
1,1-Dichloroethane	0.0500	0.0558		mg/Kg	112	70 - 125		
1,2-Dichloroethane	0.0500	0.0569		mg/Kg	114	70 - 130		
1,1-Dichloroethene	0.0500	0.0585		mg/Kg	117	70 - 120		
1,2-Dichloropropane	0.0500	0.0540		mg/Kg	108	70 - 125		
Ethylbenzene	0.0500	0.0569		mg/Kg	114	61 - 136		
2-Hexanone	0.0500	0.0545		mg/Kg	109	48 - 146		
Isopropylbenzene	0.0500	0.0571		mg/Kg	114	70 - 125		
Methyl acetate	0.100	0.111		mg/Kg	111	70 - 125		
Methylcyclohexane	0.0500	0.0561		mg/Kg	112	70 - 125		
Methylene Chloride	0.0500	0.0572		mg/Kg	114	70 - 126		
Methyl Ethyl Ketone	0.0500	0.0562		mg/Kg	112	47 - 138		
methyl isobutyl ketone	0.0500	0.0525		mg/Kg	105	50 - 148		
Methyl tert-butyl ether	0.0500	0.0536		mg/Kg	107	50 - 140		
Styrene	0.0500	0.0561		mg/Kg	112	70 - 125		
1,1,2,2-Tetrachloroethane	0.0500	0.0556		mg/Kg	111	70 - 122		
Tetrachloroethene	0.0500	0.0575		mg/Kg	115	70 - 124		
Toluene	0.0500	0.0549		mg/Kg	110	70 - 125		

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-684609/4

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
trans-1,2-Dichloroethene	0.0500	0.0598		mg/Kg		120	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0539		mg/Kg		108	70 - 125
1,2,4-Trichlorobenzene	0.0500	0.0509		mg/Kg		102	65 - 128
1,1,1-Trichloroethane	0.0500	0.0593		mg/Kg		119	70 - 128
1,1,2-Trichloroethane	0.0500	0.0564		mg/Kg		113	70 - 125
Trichloroethene	0.0500	0.0571		mg/Kg		114	70 - 125
Trichlorofluoromethane	0.0500	0.0595		mg/Kg		119	70 - 134
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.0585		mg/Kg		117	70 - 128
Vinyl chloride	0.0500	0.0503		mg/Kg		101	70 - 125
Xylenes, Total	0.100	0.112		mg/Kg		112	53 - 147

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surrogate)	89		75 - 131
Dibromofluoromethane (Surrogate)	84		75 - 126
1,2-Dichloroethane-d4 (Surrogate)	80		70 - 134
Toluene-d8 (Surrogate)	88		75 - 124

Lab Sample ID: LCSD 500-684609/5

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	0.0500	0.0540		mg/Kg		108	40 - 150	3	30
Benzene	0.0500	0.0528		mg/Kg		106	70 - 125	4	30
Bromodichloromethane	0.0500	0.0541		mg/Kg		108	67 - 129	4	30
Bromoform	0.0500	0.0541		mg/Kg		108	68 - 136	1	30
Bromomethane	0.0500	0.0564		mg/Kg		113	70 - 130	6	30
Carbon disulfide	0.0500	0.0552		mg/Kg		110	70 - 129	2	30
Carbon tetrachloride	0.0500	0.0589		mg/Kg		118	75 - 125	4	30
Chlorobenzene	0.0500	0.0533		mg/Kg		107	50 - 150	7	30
Chloroethane	0.0500	0.0536		mg/Kg		107	75 - 125	5	30
Chloroform	0.0500	0.0572		mg/Kg		114	57 - 135	3	30
Chloromethane	0.0500	0.0499		mg/Kg		100	70 - 125	5	30
cis-1,2-Dichloroethene	0.0500	0.0566		mg/Kg		113	70 - 125	2	30
cis-1,3-Dichloropropene	0.0500	0.0477		mg/Kg		95	70 - 125	10	30
Cyclohexane	0.0500	0.0532		mg/Kg		106	70 - 125	3	30
Dibromochloromethane	0.0500	0.0530		mg/Kg		106	69 - 125	9	30
1,2-Dibromo-3-Chloropropane	0.0500	0.0499		mg/Kg		100	60 - 136	4	30
1,2-Dibromoethane	0.0500	0.0546		mg/Kg		109	70 - 125	4	30
1,2-Dichlorobenzene	0.0500	0.0532		mg/Kg		106	70 - 125	4	30
1,3-Dichlorobenzene	0.0500	0.0536		mg/Kg		107	70 - 125	5	30
1,4-Dichlorobenzene	0.0500	0.0530		mg/Kg		106	70 - 125	5	30
Dichlorodifluoromethane	0.0500	0.0638	*+	mg/Kg		128	75 - 125	0	30
1,1-Dichloroethane	0.0500	0.0542		mg/Kg		108	70 - 125	3	30
1,2-Dichloroethane	0.0500	0.0543		mg/Kg		109	70 - 130	5	30
1,1-Dichloroethene	0.0500	0.0573		mg/Kg		115	70 - 120	2	30
1,2-Dichloropropane	0.0500	0.0512		mg/Kg		102	70 - 125	5	30
Ethylbenzene	0.0500	0.0522		mg/Kg		104	61 - 136	9	30

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-684609/5

Matrix: Solid

Analysis Batch: 684609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD RPD	RPD Limit
2-Hexanone	0.0500	0.0513		mg/Kg	103	48 - 146	6	30	
Isopropylbenzene	0.0500	0.0528		mg/Kg	106	70 - 125	8	30	
Methyl acetate	0.100	0.115		mg/Kg	115	70 - 125	3	30	
Methylcyclohexane	0.0500	0.0552		mg/Kg	110	70 - 125	2	30	
Methylene Chloride	0.0500	0.0562		mg/Kg	112	70 - 126	2	30	
Methyl Ethyl Ketone	0.0500	0.0529		mg/Kg	106	47 - 138	6	30	
methyl isobutyl ketone	0.0500	0.0480		mg/Kg	96	50 - 148	9	30	
Methyl tert-butyl ether	0.0500	0.0537		mg/Kg	107	50 - 140	0	30	
Styrene	0.0500	0.0520		mg/Kg	104	70 - 125	7	30	
1,1,2,2-Tetrachloroethane	0.0500	0.0532		mg/Kg	106	70 - 122	4	30	
Tetrachloroethene	0.0500	0.0527		mg/Kg	105	70 - 124	9	30	
Toluene	0.0500	0.0498		mg/Kg	100	70 - 125	10	30	
trans-1,2-Dichloroethene	0.0500	0.0575		mg/Kg	115	70 - 125	4	30	
trans-1,3-Dichloropropene	0.0500	0.0494		mg/Kg	99	70 - 125	9	30	
1,2,4-Trichlorobenzene	0.0500	0.0485		mg/Kg	97	65 - 128	5	30	
1,1,1-Trichloroethane	0.0500	0.0577		mg/Kg	115	70 - 128	3	30	
1,1,2-Trichloroethane	0.0500	0.0521		mg/Kg	104	70 - 125	8	30	
Trichloroethene	0.0500	0.0555		mg/Kg	111	70 - 125	3	30	
Trichlorofluoromethane	0.0500	0.0587		mg/Kg	117	70 - 134	1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.0575		mg/Kg	115	70 - 128	2	30	
Vinyl chloride	0.0500	0.0493		mg/Kg	99	70 - 125	2	30	
Xylenes, Total	0.100	0.102		mg/Kg	102	53 - 147	9	30	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	88		75 - 131
Dibromofluoromethane (Surr)	88		75 - 126
1,2-Dichloroethane-d4 (Surr)	84		70 - 134
Toluene-d8 (Surr)	84		75 - 124

Lab Sample ID: MB 500-685460/7

Matrix: Solid

Analysis Batch: 685460

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Carbon tetrachloride	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Chlorobenzene	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Chloroform	<0.0020		0.0020		mg/L			11/17/22 11:08	1
1,2-Dichloroethane	<0.0010		0.0010		mg/L			11/17/22 11:08	1
1,1-Dichloroethene	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Methyl Ethyl Ketone	<0.0050		0.0050		mg/L			11/17/22 11:08	1
Tetrachloroethene	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Trichloroethene	<0.0010		0.0010		mg/L			11/17/22 11:08	1
Vinyl chloride	<0.0010		0.0010		mg/L			11/17/22 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		72 - 124		11/17/22 11:08	1

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-685460/7

Matrix: Solid

Analysis Batch: 685460

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits
Dibromofluoromethane		96			75 - 120
1,2-Dichloroethane-d4 (Surr)		85			75 - 126
Toluene-d8 (Surr)		91			75 - 120

Prepared	Analyzed	Dil Fac
	11/17/22 11:08	1
	11/17/22 11:08	1
	11/17/22 11:08	1

Lab Sample ID: LCS 500-685460/8

Matrix: Solid

Analysis Batch: 685460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0423		mg/L	85	70 - 120	
Carbon tetrachloride	0.0500	0.0477		mg/L	95	59 - 133	
Chlorobenzene	0.0500	0.0464		mg/L	93	70 - 120	
Chloroform	0.0500	0.0451		mg/L	90	70 - 120	
1,2-Dichloroethane	0.0500	0.0405		mg/L	81	68 - 127	
1,1-Dichloroethene	0.0500	0.0453		mg/L	91	67 - 122	
Methyl Ethyl Ketone	0.0500	0.0479		mg/L	96	46 - 144	
Tetrachloroethene	0.0500	0.0449		mg/L	90	70 - 128	
Trichloroethene	0.0500	0.0486		mg/L	97	70 - 125	
Vinyl chloride	0.0500	0.0606		mg/L	121	64 - 126	

Surrogate	MB	MB	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)		77			72 - 124
Dibromofluoromethane		97			75 - 120
1,2-Dichloroethane-d4 (Surr)		83			75 - 126
Toluene-d8 (Surr)		91			75 - 120

Lab Sample ID: MB 500-686194/7

Matrix: Solid

Analysis Batch: 686194

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020		mg/Kg			11/21/22 10:39	1
Benzene	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Bromodichloromethane	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Bromoform	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Bromomethane	<0.0050		0.0050		mg/Kg			11/21/22 10:39	1
Carbon disulfide	<0.0050		0.0050		mg/Kg			11/21/22 10:39	1
Carbon tetrachloride	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Chlorobenzene	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Chloroethane	<0.0050		0.0050		mg/Kg			11/21/22 10:39	1
Chloroform	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Chloromethane	<0.0050		0.0050		mg/Kg			11/21/22 10:39	1
cis-1,2-Dichloroethene	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
cis-1,3-Dichloropropene	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Cyclohexane	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
Dibromochloromethane	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050		mg/Kg			11/21/22 10:39	1
1,2-Dibromoethane	<0.0020		0.0020		mg/Kg			11/21/22 10:39	1

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-686194/7

Matrix: Solid

Analysis Batch: 686194

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,3-Dichlorobenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,4-Dichlorobenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Dichlorodifluoromethane	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1-Dichloroethane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,2-Dichloroethane	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1-Dichloroethene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,2-Dichloropropane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Ethylbenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
2-Hexanone	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Isopropylbenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Methyl acetate	<0.025		0.025		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Methylcyclohexane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Methylene Chloride	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Methyl Ethyl Ketone	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
methyl isobutyl ketone	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Methyl tert-butyl ether	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Styrene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Tetrachloroethylene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Toluene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
trans-1,2-Dichloroethylene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
trans-1,3-Dichloropropene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,2,4-Trichlorobenzene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1,1-Trichloroethane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1,2-Trichloroethane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Trichloroethylene	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Trichlorofluoromethane	<0.0050		0.0050		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Vinyl chloride	<0.0020		0.0020		mg/Kg		11/21/22 10:39	11/21/22 10:39	1
Xylenes, Total	<0.0040		0.0040		mg/Kg		11/21/22 10:39	11/21/22 10:39	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131		11/21/22 10:39	1
Dibromofluoromethane (Surr)	89		75 - 126		11/21/22 10:39	1
1,2-Dichloroethane-d4 (Surr)	92		70 - 134		11/21/22 10:39	1
Toluene-d8 (Surr)	86		75 - 124		11/21/22 10:39	1

Lab Sample ID: LCS 500-686194/4

Matrix: Solid

Analysis Batch: 686194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0398		mg/Kg		80	40 - 150
Benzene	0.0500	0.0551		mg/Kg		110	70 - 125
Bromodichloromethane	0.0500	0.0554		mg/Kg		111	67 - 129
Bromoform	0.0500	0.0486		mg/Kg		97	68 - 136
Bromomethane	0.0500	0.0543		mg/Kg		109	70 - 130

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-686194/4

Matrix: Solid

Analysis Batch: 686194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	0.0500	0.0555		mg/Kg	111	70 - 129	
Carbon tetrachloride	0.0500	0.0607		mg/Kg	121	75 - 125	
Chlorobenzene	0.0500	0.0573		mg/Kg	115	50 - 150	
Chloroethane	0.0500	0.0548		mg/Kg	110	75 - 125	
Chloroform	0.0500	0.0601		mg/Kg	120	57 - 135	
Chloromethane	0.0500	0.0525		mg/Kg	105	70 - 125	
cis-1,2-Dichloroethene	0.0500	0.0567		mg/Kg	113	70 - 125	
cis-1,3-Dichloropropene	0.0500	0.0534		mg/Kg	107	70 - 125	
Cyclohexane	0.0500	0.0553		mg/Kg	111	70 - 125	
Dibromochloromethane	0.0500	0.0553		mg/Kg	111	69 - 125	
1,2-Dibromo-3-Chloropropane	0.0500	0.0504		mg/Kg	101	60 - 136	
1,2-Dibromoethane	0.0500	0.0533		mg/Kg	107	70 - 125	
1,2-Dichlorobenzene	0.0500	0.0568		mg/Kg	114	70 - 125	
1,3-Dichlorobenzene	0.0500	0.0579		mg/Kg	116	70 - 125	
1,4-Dichlorobenzene	0.0500	0.0575		mg/Kg	115	70 - 125	
Dichlorodifluoromethane	0.0500	0.0504		mg/Kg	101	75 - 125	
1,1-Dichloroethane	0.0500	0.0572		mg/Kg	114	70 - 125	
1,2-Dichloroethane	0.0500	0.0556		mg/Kg	111	70 - 130	
1,1-Dichloroethene	0.0500	0.0576		mg/Kg	115	70 - 120	
1,2-Dichloropropane	0.0500	0.0529		mg/Kg	106	70 - 125	
Ethylbenzene	0.0500	0.0588		mg/Kg	118	61 - 136	
2-Hexanone	0.0500	0.0398		mg/Kg	80	48 - 146	
Isopropylbenzene	0.0500	0.0614		mg/Kg	123	70 - 125	
Methyl acetate	0.100	0.0988		mg/Kg	99	70 - 125	
Methylcyclohexane	0.0500	0.0561		mg/Kg	112	70 - 125	
Methylene Chloride	0.0500	0.0570		mg/Kg	114	70 - 126	
Methyl Ethyl Ketone	0.0500	0.0414		mg/Kg	83	47 - 138	
methyl isobutyl ketone	0.0500	0.0405		mg/Kg	81	50 - 148	
Methyl tert-butyl ether	0.0500	0.0481		mg/Kg	96	50 - 140	
Styrene	0.0500	0.0565		mg/Kg	113	70 - 125	
1,1,2,2-Tetrachloroethane	0.0500	0.0550		mg/Kg	110	70 - 122	
Tetrachloroethene	0.0500	0.0558		mg/Kg	112	70 - 124	
Toluene	0.0500	0.0571		mg/Kg	114	70 - 125	
trans-1,2-Dichloroethene	0.0500	0.0583		mg/Kg	117	70 - 125	
trans-1,3-Dichloropropene	0.0500	0.0527		mg/Kg	105	70 - 125	
1,2,4-Trichlorobenzene	0.0500	0.0503		mg/Kg	101	65 - 128	
1,1,1-Trichloroethane	0.0500	0.0594		mg/Kg	119	70 - 128	
1,1,2-Trichloroethane	0.0500	0.0540		mg/Kg	108	70 - 125	
Trichloroethene	0.0500	0.0555		mg/Kg	111	70 - 125	
Trichlorofluoromethane	0.0500	0.0582		mg/Kg	116	70 - 134	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.0583		mg/Kg	117	70 - 128	
Vinyl chloride	0.0500	0.0542		mg/Kg	108	70 - 125	
Xylenes, Total	0.100	0.116		mg/Kg	116	53 - 147	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		75 - 131
Dibromofluoromethane (Surr)	84		75 - 126

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-686194/4

Matrix: Solid

Analysis Batch: 686194

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)			83		70 - 134
Toluene-d8 (Surr)			93		75 - 124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Lab Sample ID: LCSD 500-686194/5

Matrix: Solid

Analysis Batch: 686194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Acetone	0.0500	0.0425		mg/Kg	85	40 - 150	7	30	
Benzene	0.0500	0.0549		mg/Kg	110	70 - 125	0	30	
Bromodichloromethane	0.0500	0.0557		mg/Kg	111	67 - 129	1	30	
Bromoform	0.0500	0.0505		mg/Kg	101	68 - 136	4	30	
Bromomethane	0.0500	0.0569		mg/Kg	114	70 - 130	5	30	
Carbon disulfide	0.0500	0.0551		mg/Kg	110	70 - 129	1	30	
Carbon tetrachloride	0.0500	0.0599		mg/Kg	120	75 - 125	1	30	
Chlorobenzene	0.0500	0.0558		mg/Kg	112	50 - 150	3	30	
Chloroethane	0.0500	0.0551		mg/Kg	110	75 - 125	1	30	
Chloroform	0.0500	0.0598		mg/Kg	120	57 - 135	0	30	
Chloromethane	0.0500	0.0526		mg/Kg	105	70 - 125	0	30	
cis-1,2-Dichloroethene	0.0500	0.0574		mg/Kg	115	70 - 125	1	30	
cis-1,3-Dichloropropene	0.0500	0.0516		mg/Kg	103	70 - 125	3	30	
Cyclohexane	0.0500	0.0543		mg/Kg	109	70 - 125	2	30	
Dibromochloromethane	0.0500	0.0546		mg/Kg	109	69 - 125	1	30	
1,2-Dibromo-3-Chloropropane	0.0500	0.0485		mg/Kg	97	60 - 136	4	30	
1,2-Dibromoethane	0.0500	0.0543		mg/Kg	109	70 - 125	2	30	
1,2-Dichlorobenzene	0.0500	0.0560		mg/Kg	112	70 - 125	2	30	
1,3-Dichlorobenzene	0.0500	0.0562		mg/Kg	112	70 - 125	3	30	
1,4-Dichlorobenzene	0.0500	0.0569		mg/Kg	114	70 - 125	1	30	
Dichlorodifluoromethane	0.0500	0.0531		mg/Kg	106	75 - 125	5	30	
1,1-Dichloroethane	0.0500	0.0572		mg/Kg	114	70 - 125	0	30	
1,2-Dichloroethane	0.0500	0.0568		mg/Kg	114	70 - 130	2	30	
1,1-Dichloroethene	0.0500	0.0564		mg/Kg	113	70 - 120	2	30	
1,2-Dichloropropane	0.0500	0.0523		mg/Kg	105	70 - 125	1	30	
Ethylbenzene	0.0500	0.0558		mg/Kg	112	61 - 136	5	30	
2-Hexanone	0.0500	0.0406		mg/Kg	81	48 - 146	2	30	
Isopropylbenzene	0.0500	0.0589		mg/Kg	118	70 - 125	4	30	
Methyl acetate	0.100	0.106		mg/Kg	106	70 - 125	7	30	
Methylcyclohexane	0.0500	0.0553		mg/Kg	111	70 - 125	1	30	
Methylene Chloride	0.0500	0.0574		mg/Kg	115	70 - 126	1	30	
Methyl Ethyl Ketone	0.0500	0.0402		mg/Kg	80	47 - 138	3	30	
methyl isobutyl ketone	0.0500	0.0405		mg/Kg	81	50 - 148	0	30	
Methyl tert-butyl ether	0.0500	0.0502		mg/Kg	100	50 - 140	4	30	
Styrene	0.0500	0.0552		mg/Kg	110	70 - 125	2	30	
1,1,2,2-Tetrachloroethane	0.0500	0.0556		mg/Kg	111	70 - 122	1	30	
Tetrachloroethene	0.0500	0.0545		mg/Kg	109	70 - 124	2	30	
Toluene	0.0500	0.0548		mg/Kg	110	70 - 125	4	30	
trans-1,2-Dichloroethene	0.0500	0.0595		mg/Kg	119	70 - 125	2	30	
trans-1,3-Dichloropropene	0.0500	0.0527		mg/Kg	105	70 - 125	0	30	

Eurofins Chicago

QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-686194/5

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 686194

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0500	0.0479		mg/Kg	96	65 - 128	5	30	
1,1,1-Trichloroethane	0.0500	0.0595		mg/Kg	119	70 - 128	0	30	
1,1,2-Trichloroethane	0.0500	0.0548		mg/Kg	110	70 - 125	2	30	
Trichloroethene	0.0500	0.0539		mg/Kg	108	70 - 125	3	30	
Trichlorofluoromethane	0.0500	0.0599		mg/Kg	120	70 - 134	3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.0569		mg/Kg	114	70 - 128	3	30	
Vinyl chloride	0.0500	0.0555		mg/Kg	111	70 - 125	2	30	
Xylenes, Total	0.100	0.113		mg/Kg	113	53 - 147	2	30	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		75 - 131
Dibromofluoromethane (Surr)	86		75 - 126
1,2-Dichloroethane-d4 (Surr)	85		70 - 134
Toluene-d8 (Surr)	89		75 - 124

Lab Sample ID: LB 500-684302/1-A

Client Sample ID: Method Blank
Prep Type: TCLP

Matrix: Solid

Analysis Batch: 685460

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.020		0.020		mg/L			11/17/22 11:58	20
Carbon tetrachloride	<0.020		0.020		mg/L			11/17/22 11:58	20
Chlorobenzene	<0.020		0.020		mg/L			11/17/22 11:58	20
Chloroform	<0.040		0.040		mg/L			11/17/22 11:58	20
1,2-Dichloroethane	<0.020		0.020		mg/L			11/17/22 11:58	20
1,1-Dichloroethene	<0.020		0.020		mg/L			11/17/22 11:58	20
Methyl Ethyl Ketone	<0.10		0.10		mg/L			11/17/22 11:58	20
Tetrachloroethene	<0.020		0.020		mg/L			11/17/22 11:58	20
Trichloroethene	<0.020		0.020		mg/L			11/17/22 11:58	20
Vinyl chloride	<0.020		0.020		mg/L			11/17/22 11:58	20

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		72 - 124		11/17/22 11:58	20
Dibromofluoromethane	94		75 - 120		11/17/22 11:58	20
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		11/17/22 11:58	20
Toluene-d8 (Surr)	90		75 - 120		11/17/22 11:58	20

Method: 6010C - Metals (ICP)

Lab Sample ID: LCS 500-684365/19-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 685014

Prep Type: Total/NA
Prep Batch: 684365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.101		mg/L	101	80 - 120	
Barium	0.500	0.500		mg/L	100	80 - 120	
Cadmium	0.0500	0.0475		mg/L	95	80 - 120	
Chromium	0.200	0.190		mg/L	95	80 - 120	

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-684365/19-A

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 684365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.0936		mg/L	94	80 - 120	
Selenium	0.100	0.100		mg/L	100	80 - 120	
Silver	0.0500	0.0456		mg/L	91	80 - 120	

Lab Sample ID: LCS 500-684365/2-A

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 684365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.111		mg/L	111	80 - 120	
Barium	0.500	0.497	J	mg/L	99	80 - 120	
Cadmium	0.0500	0.0499		mg/L	100	80 - 120	
Chromium	0.200	0.189		mg/L	95	80 - 120	
Lead	0.100	0.0950		mg/L	95	80 - 120	
Selenium	0.100	0.105		mg/L	105	80 - 120	
Silver	0.0500	0.0506		mg/L	101	80 - 120	

Lab Sample ID: LB 500-684025/1-B

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 684365

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 15:32	1
Barium	<0.50		0.50		mg/L		11/10/22 18:05	11/14/22 15:32	1
Cadmium	<0.0050		0.0050		mg/L		11/10/22 18:05	11/14/22 15:32	1
Chromium	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 15:32	1
Lead	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 15:32	1
Selenium	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 15:32	1
Silver	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 15:32	1

Lab Sample ID: LB2 500-684027/1-B

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 684365

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:51	1
Barium	<0.50		0.50		mg/L		11/10/22 18:05	11/14/22 16:51	1
Cadmium	<0.0050		0.0050		mg/L		11/10/22 18:05	11/14/22 16:51	1
Chromium	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:51	1
Lead	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:51	1
Selenium	<0.050		0.050		mg/L		11/10/22 18:05	11/14/22 16:51	1
Silver	<0.025		0.025		mg/L		11/10/22 18:05	11/14/22 16:51	1

Lab Sample ID: 500-224997-7 MS

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.050		0.100	0.114		mg/L	114	75 - 125	
Barium	<0.50		0.500	0.854		mg/L	100	75 - 125	

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 500-224997-7 MS

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	5
Cadmium	0.0088		0.0500	0.0615		mg/L	105	75 - 125		6
Chromium	<0.025		0.200	0.185		mg/L	92	75 - 125		7
Selenium	<0.050		0.100	0.0996		mg/L	100	75 - 125		8
Silver	<0.025		0.0500	0.0527		mg/L	105	75 - 125		9

Lab Sample ID: 500-224997-7 MS

Matrix: Solid

Analysis Batch: 685221

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	10
Lead	<0.050		0.100	0.0935		mg/L	93	75 - 125		11

Lab Sample ID: 500-224997-7 DU

Matrix: Solid

Analysis Batch: 685014

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684365

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	13
Arsenic	<0.050			<0.050		mg/L			NC	20
Barium	<0.50			<0.50		mg/L			NC	20
Cadmium	0.0088			0.00892		mg/L			1	20
Chromium	<0.025			<0.025		mg/L			NC	20
Selenium	<0.050			<0.050		mg/L			NC	20
Silver	<0.025			<0.025		mg/L			NC	20

Lab Sample ID: 500-224997-7 DU

Matrix: Solid

Analysis Batch: 685221

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684365

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	14
Lead	<0.050			<0.050		mg/L			NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-684847/12-A

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 684847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	15
Mercury	<0.00020		0.00020		mg/L	1	11/14/22 11:25	11/15/22 09:57		1

Lab Sample ID: LCS 500-684847/14-A

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 684847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	16
Mercury	0.00200	0.00202		mg/L	101	80 - 120		1

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-684847/39-A

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 684847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	5
Mercury	0.00200	0.00206		mg/L		103	80 - 120
							6

Lab Sample ID: LB 500-684025/1-C

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 684847

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L				

Lab Sample ID: LB2 500-684027/2-B

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 684847

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L				

Lab Sample ID: 500-224997-7 MS

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00020		0.000991	0.000864		mg/L		87	75 - 125

Lab Sample ID: 500-224997-7 DU

Matrix: Solid

Analysis Batch: 685065

Client Sample ID: WC-COMP-01

Prep Type: TCLP

Prep Batch: 684847

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD
Mercury	<0.00020		<0.00020		mg/L		NC
							20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 310-371775/1-A

Matrix: Solid

Analysis Batch: 371888

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 371775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<1.0		1.0		mg/Kg				

Lab Sample ID: LCS 310-371775/2-A

Matrix: Solid

Analysis Batch: 371888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 371775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec
Cyanide, Total	9.79	9.60		mg/Kg		Limits

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QC Sample Results

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-687099/1-A

Matrix: Solid

Analysis Batch: 687357

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 687099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<10			10	mg/Kg		11/28/22 13:23	11/29/22 15:21	1

Lab Sample ID: LCS 500-687099/2-A

Matrix: Solid

Analysis Batch: 687357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 687099

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Sulfide		198	161		mg/Kg		81	80 - 120

Lab Sample ID: 500-224997-11 MS

Matrix: Solid

Analysis Batch: 687357

Client Sample ID: WC-COMP-05

Prep Type: Total/NA

Prep Batch: 687099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Sulfide	<14	F1	259	79.1	F1	mg/Kg	⊗	30	75 - 125

Lab Sample ID: 500-224997-11 MSD

Matrix: Solid

Analysis Batch: 687357

Client Sample ID: WC-COMP-05

Prep Type: Total/NA

Prep Batch: 687099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD Limit
Sulfide	<14	F1	262	86.2	F1	mg/Kg	⊗	33	75 - 125	8 20

Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-01

Date Collected: 11/07/22 10:05

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685608	LWN	EET CHI	11/17/22 14:09

Client Sample ID: WC-VOC-01

Date Collected: 11/07/22 10:05

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-1

Matrix: Solid

Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	686194	PMF	EET CHI	11/21/22 11:04

Client Sample ID: WC-VOC-02

Date Collected: 11/07/22 10:12

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685608	LWN	EET CHI	11/17/22 14:09

Client Sample ID: WC-VOC-02

Date Collected: 11/07/22 10:12

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-2

Matrix: Solid

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	684609	W1T	EET CHI	11/12/22 15:19

Client Sample ID: WC-VOC-03

Date Collected: 11/07/22 10:15

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685608	LWN	EET CHI	11/17/22 14:09

Client Sample ID: WC-VOC-03

Date Collected: 11/07/22 10:15

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-3

Matrix: Solid

Percent Solids: 65.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	684609	W1T	EET CHI	11/12/22 15:44

Client Sample ID: WC-VOC-04

Date Collected: 11/07/22 10:25

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

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Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-VOC-04

Date Collected: 11/07/22 10:25

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-4

Matrix: Solid

Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	684609	W1T	EET CHI	11/12/22 16:09

Client Sample ID: WC-VOC-05

Date Collected: 11/07/22 10:42

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-VOC-05

Date Collected: 11/07/22 10:42

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-5

Matrix: Solid

Percent Solids: 73.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	684609	W1T	EET CHI	11/12/22 16:35

Client Sample ID: WC-VOC-06

Date Collected: 11/07/22 11:00

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-VOC-06

Date Collected: 11/07/22 11:00

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-6

Matrix: Solid

Percent Solids: 67.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			684097	WRE	EET CHI	11/07/22 15:42
Total/NA	Analysis	8260B		1	684609	W1T	EET CHI	11/12/22 17:00

Client Sample ID: WC-COMP-01

Date Collected: 11/07/22 10:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 12:22
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685221	JJB	EET CHI	11/15/22 15:31
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:14

Eurofins Chicago

Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-01

Date Collected: 11/07/22 10:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 10:46
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 18:59
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 14:14 - 11/18/22 14:28 ¹
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-01

Date Collected: 11/07/22 10:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-7

Matrix: Solid

Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:42
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:27 - 11/28/22 13:29 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:28

Client Sample ID: WC-COMP-02

Date Collected: 11/07/22 11:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 12:46
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685221	JJB	EET CHI	11/15/22 15:44
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:28
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 10:57
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 19:02
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 14:28 - 11/18/22 14:43 ¹
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-02

Date Collected: 11/07/22 11:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-8

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:42

Eurofins Chicago

Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-02

Date Collected: 11/07/22 11:10

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-8

Matrix: Solid

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:29 - 11/28/22 13:31 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:32

Client Sample ID: WC-COMP-03

Date Collected: 11/07/22 11:21

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 13:11
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:41
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 10:59
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 19:04
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 14:43 - 11/18/22 14:57 ¹
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-03

Date Collected: 11/07/22 11:21

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-9

Matrix: Solid

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:49
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:31 - 11/28/22 13:33 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:36

Client Sample ID: WC-COMP-04

Date Collected: 11/07/22 11:32

Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 13:35
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:44
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 11:01
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 19:06
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 14:57 - 11/18/22 15:12 ¹

Eurofins Chicago

Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-04
Date Collected: 11/07/22 11:32
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-04
Date Collected: 11/07/22 11:32
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-10
Matrix: Solid
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:50
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:33 - 11/28/22 13:35 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:40

Client Sample ID: WC-COMP-05
Date Collected: 11/07/22 11:40
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 14:00
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:48
TCLP	Leach	1311			684025	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 11:03
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 19:09
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 15:12 - 11/18/22 15:26 ¹
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-05
Date Collected: 11/07/22 11:40
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-11
Matrix: Solid
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:51
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:35 - 11/28/22 13:37 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:44

Client Sample ID: WC-COMP-06
Date Collected: 11/07/22 11:48
Date Received: 11/07/22 13:45

Lab Sample ID: 500-224997-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684302	EA	EET CHI	11/10/22 13:29
TCLP	Analysis	8260B		20	685460	W1T	EET CHI	11/17/22 14:24

Eurofins Chicago

Lab Chronicle

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Client Sample ID: WC-COMP-06

Lab Sample ID: 500-224997-12

Matrix: Solid

Date Collected: 11/07/22 11:48

Date Received: 11/07/22 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			684027	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685221	JJB	EET CHI	11/15/22 15:47
TCLP	Leach	1311			684027	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	3010A			684365	LMB	EET CHI	11/10/22 18:05 - 11/10/22 18:35 ¹
TCLP	Analysis	6010C		1	685014	JJB	EET CHI	11/14/22 16:58
TCLP	Leach	1311			684027	EA	EET CHI	11/09/22 13:19 - 11/10/22 07:19 ¹
TCLP	Prep	7470A			684847	MJG	EET CHI	11/14/22 11:25 - 11/14/22 13:25 ¹
TCLP	Analysis	7470A		1	685065	MJG	EET CHI	11/15/22 11:09
Total/NA	Analysis	9045D		1	684115	LWN	EET CHI	11/09/22 19:11
Total/NA	Analysis	D92		1	685934	JC	EET CHI	11/18/22 15:26 - 11/18/22 15:41 ¹
Total/NA	Analysis	Moisture		1	684591	LWN	EET CHI	11/11/22 17:24

Client Sample ID: WC-COMP-06

Lab Sample ID: 500-224997-12

Matrix: Solid

Date Collected: 11/07/22 11:48

Date Received: 11/07/22 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			371775	WZC8	EET CF	11/11/22 08:03
Total/NA	Analysis	9012B		1	371888	ZJX4	EET CF	11/11/22 18:52
Total/NA	Prep	9030B			687099	BC	EET CHI	11/28/22 13:41 - 11/28/22 13:44 ¹
Total/NA	Analysis	9034		1	687357	BC	EET CHI	11/29/22 15:56

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Eurofins Chicago

Accreditation/Certification Summary

Client: Weaver Consultants Group
Project/Site: Gary Development Landfill

Job ID: 500-224997-1

Laboratory: Eurofins Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2903	04-29-23
Georgia	State	N/A	04-29-22 *
Georgia (DW)	State	939	04-30-23
Hawaii	State	NA	04-29-23
Illinois	NELAP	IL00035	04-30-23
Indiana	State	C-IL-02	04-29-23
Iowa	State	082	05-01-24
Kansas	NELAP	E-10161	10-31-23
Kentucky (UST)	State	AI # 108083	04-29-23
Kentucky (WW)	State	KY90023	12-31-22
Louisiana (All)	NELAP	02046	06-30-23
Mississippi	State	NA	04-30-22 *
North Carolina (WW/SW)	State	291	12-31-22
North Dakota	State	R-194	04-30-23
Oklahoma	State	8908	08-31-23
South Carolina	State	77001003	04-29-23
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-23
Wyoming	State	8TMS-Q	04-30-22 *

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-23
Georgia	State	IA100001 (OR)	09-29-23
Illinois	NELAP	200024	11-29-22
Iowa	State	007	12-01-23
Kansas	NELAP	E-10341	01-31-23
Minnesota	NELAP	019-999-319	12-31-22
Minnesota (Petrofund)	State	3349	01-18-24
North Dakota	State	R-186	09-29-23
Oregon	NELAP	IA100001	09-29-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Chicago

Eurofins Chicago

2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708 534-5211

Chain of Custody Record



eurofins

Client Information		Sampler: James Keefe	Lab PM: Mockler Diana J	500-224997 COC	Carrier Tracking No(s)	COC No: 500-106809-45332 1							
Client Contact: James Keefe		Phone: 617-913-3172	E-Mail: Diana.Mockler@et.eurofinsus.com	State of Origin: MA IN		Page: Page 1 of 1							
Company: Weaver Consultants Group		PWSID	Analysis Requested										
Address: 35 E Wacker Drive Suite 1250		Due Date Requested				Preservation Codes							
City: Chicago		TAT Requested (days) STANDARD				A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify) Other:							
State Zip: IL, 60601		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Phone: 312-922-1030		PO # Purchase Order not required											
Email: jkeefe@wccgrp.com		WO #											
Project Name: Gary Development Landfill		Project #: 50020802											
Site: 479 LINE AVE		SSOW#:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Permit MSDS (Yes or No)	VOCs - Standard List	8260B 7470A	9034_Calc 9045D, D32, Moisture	9012B - Total Cyanide	Total Number of containers	Special Instructions/Note
1	WC-VOC-01	11-7-22	1005	C	Solid	X		N N	N	N			
2	WC-VOC-02		1012		Solid	X							
3	WC-VOC-03		1015		Solid	X							
4	WC-VOC-04		1025		Solid	X							
5	WC-VOC-05		1042		Solid	X							
6	WC-VOC-06		1100		Solid	X							
7	WC-COMP-01		1010	C	58510		X X	X X					
8	WC-COMP-02		1110				X X	X X					
9	WC-COMP-03		1121				X X	X X					
10	WC-COMP-04		1132				X X	Y X					
11	WC-COMP-05		1140				X X	Y X					
12	WC-COMP-06		1148				X X	Y X					
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months							
Deliverable Requested I II III IV Other (specify)						Special Instructions/QC Requirements							
Empty Kit Relinquished by		Date	Time		Method of Shipment								
Relinquished by	<i>Chris L'vinski</i>	Date/Time: 11-7-22 1200	Company: wcc	Received by: Chris L'vinski	Date/Time: 11-7-22 1200	Company: ERTA							
Relinquished by	<i>Chris L'vinski</i>	Date/Time: 11-7-22 1256	Company: ERTA	Received by: <i>John Jones</i>	Date/Time: 11-7-22 1256	Company: ERTA							
Relinquished by	<i>John Jones</i>	Date/Time: 11-7-22 1345	Company: ERTA	Received by: <i>John Jones</i>	Date/Time: 11-7-22 1345	Company: ERTA							
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks (-5.7) (-4.2 -4.4)									

Ver 06 08/2021



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Chicago</u> City/State: <u>CITY</u> <u>STATE</u> <u>IL</u> Project:			
Receipt Information			
Date/Time Received:	DATE <u>11-8-22</u>	TIME <u>920</u>	Received By: <u>MU</u>
Delivery Type:	<input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____		
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes: Cooler ID: _____
Multiple Coolers?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes: Cooler custody seals intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓ _____
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice	<input type="checkbox"/> Blue ice	<input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE
Thermometer ID:	<u>T</u>	Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):	<u>-</u>	Corrected Temp (°C): <u>-</u>	
• Sample Container Temperature			
Container(s) used:	<u>CONTAINER 1</u> <u>250 mL plastic</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):	<u>0.1</u>		
Corrected Temp (°C):	<u>0.1</u>		
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			
_____ _____ _____			

Login Sample Receipt Checklist

Client: Weaver Consultants Group

Job Number: 500-224997-1

Login Number: 224997

List Source: Eurofins Chicago

List Number: 1

Creator: James, Jeff A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	6.1,4.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Weaver Consultants Group

Job Number: 500-224997-1

Login Number: 224997

List Source: Eurofins Cedar Falls

List Number: 2

List Creation: 11/08/22 10:09 AM

Creator: Homolar, Dana J

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT 3
Soil Waste Profile



Requested Facility: Laraway Landfill Unsure Profile Number: 634573IL
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Gary Development Landfill Site Group
2. Generator Site Address: 479 N Cline Ave
(City, State, ZIP) Gary IN 46406
3. County: Lake
4. Contact Name: Suzanne Bonola
5. Email: sbonola@wcgrp.com
6. Phone: (312) 888-4137 7. Fax: _____
8. Generator EPA ID: IND077005916
9. State ID: _____ N/A

C. MATERIAL INFORMATION

1. Common Name: Contaminated Soil
Describe Process(es) Generating Material: See Attached
Soil cuttings from boreholes drilled as part of historical environmental and geotechnical site investigation activities conducted at the site.
2. Material Composition and Contaminants: See Attached

1. Soil	97-100 %
2. acetone	.1-.1 %
3. benzene	.1-1 %
4. benzoic acid	.1-1 %

Total comp. must be equal to or greater than 100% ≥100%
3. State Waste Codes: _____ N/A
4. Color: Brown
5. Physical State at 70°F: Solid Liquid Other: _____
6. Free Liquid Range Percentage: 0 to 0 N/A
7. pH: 7 to 7 N/A
8. Strong Odor: Yes No Describe: _____
9. Flash Point: <140°F 140°–199°F ≥200° N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached Yes
Please identify applicable samples and/or lab reports:
Analytical - Job Number: 500-224997-1
2. Other information attached (such as MSDS)? Yes

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 – Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): James Keefe Date: 12/22/2022
Title: Project Manager
Company: Weaver Consultants Group

B. BILLING INFORMATION

- SAME AS GENERATOR
1. Billing Name: Clean Harbors
 2. Billing Address: 42 Longwater Drive, P.O. Box 9419
(City, State, ZIP) Norwell MA 02061
 3. Contact Name: National Logistics
 4. Email: outbounddisposal@cleanharbors.com
 5. Phone: (781) 792-5000 6. Fax: (781) 792-5930
 7. WM Hauled? Yes No
 8. P.O. Number: _____
 9. Payment Method: Credit Account Cash Credit Card

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? Yes* No
Code: _____
 2. State Hazardous Waste? Yes No
Code: _____
 3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
 4. Contains Underlying Hazardous Constituents? Yes* No
 5. From an industry regulated under Benzene NESHAP? Yes* No
 6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
 7. CERCLA or State-mandated clean-up? Yes* No
 8. NRC or State-regulated radioactive or NORM waste? Yes* No
- *If Yes, see Addendum (page 2) for additional questions and space.
9. Contains PCBs? → If Yes, answer a, b and c.
a. Regulated by 40 CFR 761? Yes No
b. Remediation under 40 CFR 761.61 (a)? Yes No
c. Were PCB imported into the US? Yes No
 10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
 11. Contains Asbestos? Yes No
→ If Yes: Non-Friable Non-Friable – Regulated Friable

F. SHIPPING AND DOT INFORMATION

1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 24
 Tons Yards Drums Gallons Other: _____
3. Container Type and Size: 25 cubic yard roll off
4. USDOT Proper Shipping Name: N/A
UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, 9, PG III

Certification Signature

James Keefe

9962683d2B...



EZ Profile™ Addendum



Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: 634573IL

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

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Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

5. benzene	.1-.1 %
6. carbazole	.1-.1 %
7. chrysene	.1-.1 %
8. fluorene	.1-.1 %
9. phenol	.1-.1 %
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

--	--

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? Yes No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. Yes No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? Yes No

→ If Yes, please check **one** of the following:

- Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
 Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes: _____

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:

- Delisted Hazardous Waste Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
 Treated Hazardous Waste Debris Treated Characteristic Hazardous Waste → If checked, complete question 4.

4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:

--	--

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. Yes No
 Yes No

b. Does this material contain benzene?

1. If yes, what is the flow weighted average concentration? _____ ppmw

c. What is your facility's current total annual benzene quantity in Megagrams? <1 Mg 1–9.99 Mg ≥10 Mg

d. Is this waste soil from a remediation? Yes No _____ ppmw

1. If yes, what is the benzene concentration in remediation waste? _____ ppmw

e. Does the waste contain >10% water/moisture? Yes No

f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? Yes No

g. Is material exempt from controls in accordance with 40 CFR 61.342? Yes No

→ If yes, specify exemption: _____

h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? Yes No

6. 40 CFR 63 GGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? Yes No

7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.

8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____



Additional Profile Information

Profile Number: 634573IL

C. MATERIAL INFORMATION

Material Composition and Contaminants (Continued from page 2):

10. chemical trichlocoethane	.1-1 %
11. trichlocoethane	.1-1 %
12. xylene	.1-1 %
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	
22.	
23.	
24.	
25.	
26.	
27.	
28.	
29.	
30.	
31.	
32.	
33.	
34.	
35.	
36.	
37.	
38.	
39.	
40.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers (Continued from page 2):

2. Form Code:

3. Source Code:



Profile Addendum: State of Illinois GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

F. Additional Waste Stream Information

Profile Number: 634573IL

Generators Name: Gary Development Landfill Site Group

Generators SITE Address: 479 N Cline Ave Gary IN 46406
(The location where the waste is generated)

Waste Name: Contaminated Soil

The Illinois Environmental Protection Act allows a Generator to certify that their pollution control waste or industrial process waste, is not an Illinois Special Waste (Section 3.45). By completing the following questionnaire, you may certify that the waste stream represented by the Waste Management Profile referenced above is not an Illinois Special Waste as defined in the Act.

Is the waste referenced above any of the following:

1. A Potentially Infectious Medical Waste (PIMW)? Yes No
2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.111? Yes No
3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)? Yes No
4. A regulated PCB waste as defined in 40 CFR 761? Yes No
5. A NESHAP regulated asbestos waste other than waste from renovation or demolition? Yes No
6. A waste resulting from the shredding recyclable metals (auto fluff)? Yes No
7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? Yes No

In determining that this waste is not a liquid, I have used knowledge of the processes generating the waste and the attached supporting documentation: MSDS Analytical Other (explain below):

In determining that this waste is not RCRA hazardous, I have used knowledge of the processes generating the waste and the attached supporting documentation: MSDS Analytical Other (explain below):

8. Is the waste represented by this profile sheet exempt from Illinois Solid Waste Management Act fee? Yes No
- Select option: Pollution Control Waste Other _____

By signing below, I certify my waste is NOT an Illinois Special Waste, and that I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties set forth in subdivision (6) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) James Keefe Title: Project Manager

Signature: James Keefe Date: 12/22/2022



WASTE MATERIAL PROFILE SHEET

Profile No. 2535380

A. GENERAL INFORMATION

GENERATOR EPA ID#/REGISTRATION # **IND077005916**
 GENERATOR CODE (Assigned by Clean Harbors) **GA16827**
 ADDRESS **479 N. Cline Ave.**
 CUSTOMER CODE (Assigned by Clean Harbors) **GA16827**
 ADDRESS **479 N. Cline Ave.**

GENERATOR NAME:

Gary Development Landfill Site GroupCITY **Gary**STATE/PROVINCE **IN** ZIP/POSTAL CODE **46406**PHONE: **(312) 888-4137****Gary Development Landfill Site Group**CITY **Gary**STATE/PROVINCE **IN** ZIP/POSTAL CODE **46406**
B. WASTE DESCRIPTION
WASTE DESCRIPTION: **EMPTY DRUMS**PROCESS GENERATING WASTE: **Last contained soil**IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**
C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present)	COLOR
	1	2	3	TOP 0.00		
<input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID	% BY VOLUME (Approx.)		MIDDLE	0.00	1 - 100 (e.g. Water)	
POWDER			BOTTOM	0.00	101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID					501 - 10,000 (e.g. Molasses)	
LIQUID WITH NO SOLIDS					> 10,000	
LIQUID/SOLID MIXTURE						
% FREE LIQUID						
% SETTLED SOLID						
% TOTAL SUSPENDED SOLID						
SLUDGE						
GAS/AEROSOL						
	ODOR			BOILING POINT °F (°C)	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
	<input checked="" type="checkbox"/> NONE			<= 95 (<=35)	< 140 (<60)	<input checked="" type="checkbox"/> <= 1%
	MILD			95 - 100 (35-38)	140-200 (60-93)	<input checked="" type="checkbox"/> 1-9%
	STRONG			101 - 129 (38-54)	<input checked="" type="checkbox"/> > 200 (>93)	<input checked="" type="checkbox"/> > 10%
	Describe:			>= 130 (>54)		

FLASH POINT °F (°C)
pH
SPECIFIC GRAVITY
ASH
BTU/LB (MJ/kg)

< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	<input checked="" type="checkbox"/>	> 20	< 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0		Unknown	<input checked="" type="checkbox"/> 2,000-5,000 (4.6-11.6)
101 -140 (38-60)	<input checked="" type="checkbox"/> 7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0			5,000-10,000 (11.6-23.2)
141 -200 (60-93)	7.1 - 12.4	<input checked="" type="checkbox"/> 1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0			> 10,000 (>23.2)
> 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)				Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL
RCRA EMPTY DRUMS
MIN**--****MAX****UOM****100.0000000****--****100.0000000****%**

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING 1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NODOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NOChemical disinfection or some other form of sterilization has been applied to the waste. YES NOI ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NOI ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NOSPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G09** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W307**

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Knowledge

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC		5.0			<input checked="" type="checkbox"/>
D005	BARIUM		100.0			<input checked="" type="checkbox"/>
D006	CADMIUM		1.0			<input checked="" type="checkbox"/>
D007	CHROMIUM		5.0			<input checked="" type="checkbox"/>
D008	LEAD		5.0			<input checked="" type="checkbox"/>
D009	MERCURY		0.2			<input checked="" type="checkbox"/>
D010	SELENIUM		1.0			<input checked="" type="checkbox"/>
D011	SILVER		5.0			<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5		BROMINE		
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		
D021	CHLOROBENZENE	100.0		FLUORINE		
D022	CHLOROFORM	6.0		IODINE		
D028	1,2-DICHLOROETHANE	0.5		SULFUR		
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		
D035	METHYL ETHYL KETONE	200.0		SODIUM		
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		
D023	o-CRESOL	200.0		SULFIDE REACTIVE		
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYPHENYL	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				
ADDITIONAL HAZARDS						
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?						
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	(If yes, explain)				
CHOOSE ALL THAT APPLY						
DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS			
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	<input checked="" type="checkbox"/> NONE OF THE ABOVE			

HOCs

- NONE
< 1000 PPM
>= 1000 PPM

PCBs

- NONE
< 50 PPM
>=50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES

NO

F. REGULATORY STATUS

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/> USEPA HAZARDOUS WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO DO ANY STATE WASTE CODES APPLY?	512 513 IL03 MA99	
		Texas Waste Code	<input type="text"/>
YES <input checked="" type="checkbox"/>	NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?	LDR CATEGORY: VARIANCE INFO:	Not subject to LDR
YES <input checked="" type="checkbox"/>	NO IS THIS A UNIVERSAL WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THIS WASTE STREAM PROHIBITED FROM INCINERATION BASED ON THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >=.3KPA (.044 PSIA)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	<input type="text"/>	
		Hazardous Organic NESHAP (HON) rule (subpart G)	Pharmaceuticals production (subpart GGG)
YES <input checked="" type="checkbox"/>	NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?	<input type="text"/>	
What is the TAB quantity for your facility?		<input type="text"/> Megagram/year (1 Mg = 2,200 lbs)	
The basis for this determination is: Knowledge of the Waste Or Test Data		Knowledge	Testing
Describe the knowledge :		<input type="text"/>	

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON DOT REGULATED MATERIAL

NON-RCRA HAZARDOUS WASTE, SOLIDS, (EMPTY DRUMS)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER Other

CONTAINERIZED

5-55 CONTAINERS/SHIPMENT

STORAGE CAPACITY: **55**

CONTAINER TYPE:

PORTABLE TOTE TANK

BOX|CARTON|CASE

CUBIC YARD BOX

DRUM

OTHER:

DRUM SIZE: **55**

BULK LIQUID

GALLONS/SHIPMENT: **0 Min -0 Max**

GAL.

BULK SOLID

SHIPMENT UOM:

TON

YARD

TONS/YARDS/SHIPMENT: **0 Min - 0 Max**

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

James Keefe

TITLE

Project Manager

DATE

December 23, 2022

Addendum

D. COMPOSITION

F. REGULATORY STATUS

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

RESIDUE LAST CONTAINED UN1263, PAINT RELATED MATERIAL, 3, PG II

RESIDUE LAST CONTAINED: UN1263, PAINT, 3, PG II

RESIDUE: LAST CONTAINED UN1268, PETROLEUM DISTILLATES, N.O.S., (.), 3, PG III

RESIDUE LAST CONTAINED UN1479, OXIDIZING SOLID, N.O.S., (.), 5.1, PG II

RESIDUE LAST CONTAINED: UN1760, CORROSIVE LIQUIDS, N.O.S., (.), 8, PG III

RESIDUE LAST CONTAINED: UN1993, FLAMMABLE LIQUIDS, N.O.S., (.), 3, PG II

RESIDUE LAST CONTAINED UN2810, TOXIC LIQUIDS, ORGANIC, N.O.S., (.), 6.1, PG III

RESIDUE LAST CONTAINED: UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (.), 8, PG III

RESIDUE LAST CONTAINED: UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (.), 8, PG III

ATTACHMENT 4
Aqueous Waste Profile



WASTE MATERIAL PROFILE SHEET

Profile No. 1550783

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **IND077005916**
GENERATOR CODE (Assigned by Clean Harbors) **GA16827**
ADDRESS **479 N. Cline Ave.**
CUSTOMER CODE (Assigned by Clean Harbors) **GA16827**
ADDRESS **479 N. Cline Ave.**

GENERATOR NAME: **Gary**
CITY **Gary**
CITY **Gary**

Gary Development Landfill Site Group
STATE/PROVINCE **IN** ZIP/POSTAL CODE **46406**
PHONE: **(312) 888-4137**
Gary Development Landfill Site Group
STATE/PROVINCE **IN** ZIP/POSTAL CODE **46406**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Monitoring Well Purge Water 10-25-17**

PROCESS GENERATING WASTE: **Groundwater Testing/Decontamination**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present)	COLOR
	1	2	3	TOP MIDDLE BOTTOM		
SOLID WITHOUT FREE LIQUID	<input checked="" type="checkbox"/>			100.00	1 - 100 (e.g. Water)	
POWDER					101 - 500 (e.g. Motor Oil)	
MONOLITHIC SOLID					501 - 10,000 (e.g. Molasses)	
<input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS					> 10,000	
LIQUID/SOLID MIXTURE						
% FREE LIQUID						
% SETTLED SOLID						
% TOTAL SUSPENDED SOLID						
SLUDGE						
GAS/AEROSOL						
ODOR	Describe:		BOILING POINT °F (°C)		MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
	NONE		<= 95 (<=35)		< 140 (<60)	<input checked="" type="checkbox"/> <= 1%
<input checked="" type="checkbox"/> MILD			95 - 100 (35-38)		140-200 (60-93)	1-9%
	STRONG		101 - 129 (38-54)		> 200 (>93)	>= 10%
			<input checked="" type="checkbox"/> >= 130 (>54)			

FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	<input checked="" type="checkbox"/> < 2,000 (<4.6)
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0	2,000-5,000 (4.6-11.6)
101 -140 (38-60)	7 (Neutral)	<input checked="" type="checkbox"/> 1.0 (e.g. Water)	1.1 - 5.0	5,000-10,000 (11.6-23.2)
141 -200 (60-93)	<input checked="" type="checkbox"/> 7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)
<input checked="" type="checkbox"/> > 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)		Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
BARIUM	0.0630000	--	0.0630000	PPM
BENZENE	0.0110000	--	0.0110000	PPM
CADMIUM	0.0020000	--	0.0020000	PPM
CHROMIUM	0.0130000	--	0.0130000	PPM
WATER	99.0000000	--	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING>1/4" THICK OR >12" LONG, METAL REINFORCED HOSE>12" LONG, METAL WIRE>12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G13** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W101**

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0	0.0630	0.0630000	PPM	
D006	CADMIUM	1.0	0.0021	0.0020000	PPM	
D007	CHROMIUM	5.0	0.0130	0.0130000	PPM	
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5	0.0110	BROMINE		
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		
D021	CHLOROBENZENE	100.0		FLUORINE		
D022	CHLOROFORM	6.0		IODINE		
D028	1,2-DICHLOROETHANE	0.5		SULFUR		
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		
D035	METHYL ETHYL KETONE	200.0		SODIUM		
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		
D023	o-CRESOL	200.0		SULFIDE REACTIVE		
D024	m-CRESOL	200.0				
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0	0.0087			
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYPYRETHRUS	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				
ADDITIONAL HAZARDS						
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?						
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	(If yes, explain)				
CHOOSE ALL THAT APPLY						
DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	<input checked="" type="checkbox"/>	OSHA REGULATED CARCINOGENS		
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL		NONE OF THE ABOVE		

HOCs

- NONE
 < 1000 PPM
 >= 1000 PPM

PCBs

- NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES NO

F. REGULATORY STATUS

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	USEPA HAZARDOUS WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DO ANY STATE WASTE CODES APPLY?	OUTS1011	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Texas Waste Code	OUTS1011	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?	<input type="text"/>	
		LDR CATEGORY: VARIANCE INFO:	Not subject to LDR	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS A UNIVERSAL WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE STREAM PROHIBITED FROM INCINERATION BASED ON THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >=.3KPA (.044 PSIA)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?	<input type="text"/>	
<input checked="" type="checkbox"/>	YES <input type="checkbox"/>	NO <input type="checkbox"/>	IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?	
<input type="checkbox"/>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	
		Hazardous Organic NESHAP (HON) rule (subpart G)	Pharmaceuticals production (subpart GGG)	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?	<input type="text"/>	
		What is the TAB quantity for your facility? <input type="text"/>	Megagram/year (1 Mg = 2,200 lbs)	
The basis for this determination is: Knowledge of the Waste Or Test Data			Knowledge	Testing
Describe the knowledge : <input type="text"/>				

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, (WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER varies'

<input checked="" type="checkbox"/> CONTAINERIZED		BULK LIQUID	BULK SOLID	
1-10	CONTAINERS/SHIPMENT	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM: TON YARD
STORAGE CAPACITY: 10	PORTABLE TOTE TANK			TONS/YARDS/SHIPMENT: 0 Min - 0 Max
CONTAINER TYPE:	BOX CARTON CASE			
CUBIC YARD BOX	<input checked="" type="checkbox"/> DRUM			
OTHER:	DRUM SIZE: 55			

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE
Suzanne Bonola

NAME (PRINT)
Suzanne Bonola

TITLE
Senior Project Scientist

DATE
8/18/2022



Profile No. 1550783

Addendum

D. COMPOSITION

F. REGULATORY STATUS